RUS

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1925

RUS

A biographical register of rural leadership in the United States and Canada

COMPILED BY
L. H. BAILEY
AND
ETHEL ZOE BAILEY

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STATEMENT

This issue of Rus contains 6,005 biographical entries as against 4,631 in the second (1920) issue, or a total increase of 1,374 names. It also has records of 95 persons deceased since 1920.

For this issue 14,887 persons have been solicited directly, and others indirectly, with a second solicitation to those who did not respond to the first request. These 15,000 names represent what the editorial office considered to be the approximate field for such a biographical register as Rus, in 1925, and it is regretted that a greater number is not included in the book. In these days when we are making dutiful records of all properties and of physical valuations, it is doubly important that we have full inventories of the more significant human resources. The only way to obtain the necessary information in a book of this kind is by the consent and cooperation of correspondents. As there is no financial obligation incurred by the respondent, neither can a person obtain admission to Rus by means of any gratuity. The income from the enterprise is in the sale of the books.

Of the names that appeared in the 1920 issue, 947 have been omitted from the present volume: 95 of them are persons who have passed away; 228 have left the agricultural or rural field, at least temporarily; and of 624 we have been unable to obtain recent information, although they have been solicited at least twice. Of the last group a number may be restored to future issues, as is the case with many persons omitted for the same reason from the 1920 Rus but re-entered here.

Rus is intended to be a register of rural leadership, in the persons of living men and women. It aims to include those persons who are prominently engaged in rural work, and in whom the public has reason to be interested, as farmers, teachers, investigators, business men, lecturers, ministers, farm, county and home demonstration agents, authors, editors, and the leading personalities in the administrative, commercial, cooperative, organizational, political and public-service fields as they directly influence agriculture and country life. By the term "farmer" is meant all those who till the soil for a livelihood, as general farmers and ranchers,

stockmen, poultrymen, beekeepers, fruit-growers, floriculturists, gardeners, nurserymen, and the many kinds of specialists; it is not intended to include persons because they are good farmers but only as they are charged with public interest. The staffs of colleges of agriculture and of experiment stations have been included above the grade of Instructor or its equivalent, in case the title indicates that the person is engaged in the agricultural side of the work. The volume is a book of reference, and does not pass on the merits of the work or activities of any person.

Rus may now be considered an established enterprise, the volume to be made new and issued every five years. It is not necessary again to explain that the origin of the title is the Latin *rus*, the country.

The appreciation of the Editors is extended to the many persons in many places who have cooperated to make an arduous labor of correspondence and compilation possible and pleasant.

L. H. Bailey.
Ethel Zoe Bailey.

Ithaca, N. Y.
November 1, 1925.

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The directory of national agricultural and rural societies carried in the 1920 Rus is not now retained, for in the five-year interval between the present and the succeeding issues it would soon be out of date.

PRINCIPAL ABBREVIATIONS

A.A.A.S...American Association for the Advancement of Science.
A.B., B.A. .....Bachelor of Arts
Acad. .....Academy
adj. .....adjunct
Adminis. ...administration, administrator
adv. .....advisor, advisory
A.E. .....Agricultural Engineer
A.E.F. .American Expeditionary Forces
agr. .....agriculture
agrl. .....agricultural
agron. .....agronomy, agronomist
agrst. .....agriculturist
agt. .....agent
Ala. .....Alabama
Alta. .....Alberta
A.M., M.A. .....Master of Arts
A. & M. ...Agricultural and Mechanical (College)
Amer. .....American
an. .....animal
anat. .....anatomy
arch. .....architecture, architect
Ariz. .....Arizona
Ark. .....Arkansas
art. .....artillery
assoc. .....associate, association
asst. .....assistant
auth. .....author

b. .....born
B.A. .....Bachelor of Arts
bact. .....bacteriology, bacteriologist
B.Agr. .....Bachelor of Agriculture
B.Arch. .....Bachelor of Architecture
B.A.Sc. Bachelor Science of Agriculture
B. C. .....British Columbia
bd. .....board
B.D. .....Bachelor of Divinity
B.Di. .....Bachelor of Didactics
B.Ed. .....Bachelor of Education
biochem. .....biochemist, biochemistry
biol. .....biology, biologist, biological
B.L. .....Bachelor of Laws
bldg. .....building
B.Litt. .....Bachelor of Literature
B.L.S. .....Bachelor of Library Science
bot. .....botany, botanist, botanical
B.Pd. or B.Ped. ..Bachelor of Pedagogy
B.Ph. .....Bachelor of Philosophy
brev. .....brevet
B.S. or B.Sc. .....Bachelor of Science
B.S.A. Bachelor of Science of Agriculture
bur. .....bureau

c. .....child, children
Calif. .....California
Capt. .....Captain
C.E. .....Civil Engineer
chem. .....chemist, chemistry, chemical
chg. .....charge
chm. .....chairman
co. .....county, company
col. .....colored
coll. .....college
Colo. .....Colorado
com. .....committee
comn. .....commission
comnr. .....commissioner
comp. .....comparative
Conn. .....Connecticut
contr. .....contributor, contributing
coop. .....cooperative, cooperation
corp. .....corporation

d. .....daughter, died (used only in parentheses)
D.C.L. .....Doctor of Civil Law
D.D. .....Doctor of Divinity
del. .....delegate
Del. .....Delaware
dem. .....demonstration, demonstrator, democratic
dept. .....department
dir. .....director
distr. .....district
div. .....division
dom. .....domestic
Dr.P.H. .....Doctor of Public Health
D.S., D.Sc. .....Doctor of Science
D.V.M. ..Doctor of Veterinary Medicine

econ. ....economics, economy, economist
ed. .....editor

educ. ..... education
E.E. ..... Electrical Engineer
engin. ..... engineering, engineer
ent. . . entomology, entomologist, entomological
exec. ..... executive
exp. ..... experiment
exped. ..... expedition
expl. ..... experimental
Expos. ..... Exposition
ext. ..... extension

F.E. ..... Forest Engineer
fed. ..... federal, federation
fert. ..... fertility, fertilizer
Fla. ..... Florida
flor. ..... floriculture
for. ..... forestry, forester, forest
F.R.C.V.S. ..... Fellow Royal College of Veterinary Surgeons

Ga. ..... Georgia
gard. ..... gardening, garden
geol. ..... geology, geological
govt. ..... government
grad. ..... graduate

H. I. ..... Hawaiian Islands
hist. ..... history
hon. ..... honorary
hort. . . horticultural, horticulturist, horticulture
husb. ..... husbandry

Ia. ..... Iowa
Ida. ..... Idaho
Ill. ..... Illinois
inc. ..... incorporated
ind. ..... industry, industrial
Ind. ..... Indiana
Inf. ..... Infantry
insp. ..... inspection, inspector
inst. ..... institute
instr. ..... instructor
intern. ..... international
invest. ..... investigation, investigator
irrig. ..... irrigation
Isls. ..... Islands

Kans. ..... Kansas
Ky. ..... Kentucky

La. ..... Louisiana
lab. ..... laboratory
lands. ..... landscape
L.B. ..... Bachelor of Laws
lect. ..... lecturer
L.H.D. ..... Doctor of Letters
L. I. ..... Long Island
Lieut. ..... Lieutenant
Litt.D. ..... Doctor of Literature
LL.B. ..... Bachelor of Laws
LL.D. ..... Doctor of Laws
LL.M. ..... Master of Laws

m. ..... married
M.A. ..... Master of Arts
M.Agr. ..... Master of Agriculture
mach. ..... machinery
Man. ..... Manitoba
manag. ..... manager, management
Mass. ..... Massachusetts
math. ..... mathematics
Md. ..... Maryland
M.D. ..... Doctor of Medicine
M.Di. ..... Master of Didactics
M.D.V. . . Doctor of Veterinary Medicine
Me. ..... Maine
M.E. ..... Mechanical Engineer
mech. ..... mechanics, mechanical
mem. ..... member
M.F. ..... Master of Forestry
mfg. ..... manufacturing
Mich. ..... Michigan
Minn. ..... Minnesota
Miss ..... Mississippi
M.L. ..... Master of Laws
M.L.A. . . Master of Landscape Architecture
Mo. ..... Missouri
Mont. ..... Montana
mos. ..... months
M.Pd. or M.Ped. . . . Master of Pedagogy
M.Ph. ..... Master of Philosophy
M.R.C.V.S. . . Member Royal College of Veterinary Surgeons
M.S., M.Sc., S.M. . . . . Master of Science
M.S.A. . Master of Science in Agriculture
M.S.F. . . . Master of Science in Forestry

nat. ..... national, natural
N. B. ..... New Brunswick
N. C. ..... North Carolina
N. D. ..... North Dakota
Neb. ..... Nebraska
Nev. ..... Nevada
N. H. ..... New Hampshire
N. J. ..... New Jersey
N. Mex. ..... New Mexico
N. S. ..... Nova Scotia
nutr. ..... nutrition
N. Y. ..... New York

O. ..... Ohio
off. ..... office
Okla. ..... Oklahoma
Ont. ..... Ontario
O.R.C. ..... Officers' Reserve Corps
Ore. ..... Oregon

Pa. ..... Pennsylvania
path. ..... pathology, pathologist
Ped.B. ..... Bachelor of Pedagogy
Ped.M. or Pd.M. ... Master of Pedagogy
P. E. I. ..... Prince Edward Island
Penn. ..... Pennsylvania
Ph.B. ..... Bachelor of Philosophy
Ph.C. ..... Pharmaceutical Chemist
Ph.D. ..... Doctor of Philosophy
Ph.G. ..... Graduate in Pharmacy
Phil. ..... Philosophical
Ph.M. ..... Master of Philosophy
physiol. ..... physiology, physiological
P. I. ..... Philippine Islands
poly. ..... polytechnic
pom. ..... pomology, pomologist
P. R. ..... Porto Rico
princ. ..... principal
prof. ..... professor
pub. ..... publisher, publishing

Q.M.C. ..... Quartermaster's Corp.
Q.M.R.C. ..... Quartermaster's Reserve Corp.
Que. ..... Quebec

rep. ..... representative
res. ..... research
R. I. ..... Rhode Island

s. ..... son
Sask. ..... Saskatchewan
S.B. ..... Bachelor of Science
S. C. ..... South Carolina
Sc.B. ..... Bachelor of Science
Sc.D., S.D. ..... Doctor of Science
sch ..... school
sci. ..... science, scientist, scientific
S. D. ..... South Dakota
sec. ..... secretary
sect. ..... section
sem. ..... seminary
serv. ..... service
S.M. ..... Master of Science
soc. ..... society
sociol. ..... sociology
sta. ..... station
S.T.B. ..... Bachelor of Sacred Theology
substa. ..... substation
superv. ..... supervisor
supt. ..... superintendent
surg. ..... surgery

teach. ..... teacher
tech. ..... technical, technology
Tenn. ..... Tennessee
Tex. ..... Texas
Th.B. ..... Bachelor of Theology
Th.D. ..... Doctor of Theology
Th.M. ..... Master of Theology
treas. ..... treasurer

Univ. ..... University

Va. ..... Virginia
veg. ..... vegetable, vegetables
vert. ..... vertebrate
vet. ..... veterinary, veterinarian
V.M.D. .. Doctor of Veterinary Medicine
voc. ..... vocational
vol. ..... voluntary
V.S. ..... Veterinary Surgeon
Vt. ..... Vermont

Wash. ..... Washington
W. Va. ..... West Virginia
Wis. ..... Wisconsin
wks. ..... weeks
Wyo. ..... Wyoming

Y. M. C. A. ..... Young Men's Christian Association
yrs. ..... years

zool. ..... zoology, zoologist

RUS: RURAL LEADERSHIP

Aamodt, Arne Wergeland, co. agrl. agt., **Duluth, Minn.**

Field asst. and instr. hort., Minn. Exp. Sta., 1910-7; asst. agrl. agt. Hennipen Co., Minn., 1917-8; agrl. agt. Beltrami Co., 1918-20; with potato coop. marketing organization, 1920-2; agrl. agt. St. Louis Co., 1923. (Potatoes). —*b.* St. Paul, Minn., Dec. 5, 1886; *s.* Aug. A. and Julia (Hagen) A.; reared in city and on farm. B.S., Univ. Minn., 1920. Alpha Zeta; Acacia.

Aamodt, Olaf Sverrer, assoc. path., Off. Cereal Invests., U. S. Dept. Agr., and Univ. Minn., University Farm, St. Paul, Minn.

Chg. wheat breeding for rust resistance and winter-killing, U. S. Dept. Agr., 1920-. In Engin. Corps, U. S. Army, 1918-20. —*b.* St. Paul, Minn., Aug. 9, 1892; *s.* August and Julia (Hagen) A.; reared on farm. B.S., Univ. Minn., 1917; M.S., 1922. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Abbe, Cleveland Jr., geographer and meteorologist, 1 Lawrence St., Yonkers, N. Y.

Instr. physiography, Geo. Washington Univ., 1895-8; prof. nat. sci., Winthrop Normal Sch., Rock Hill, S. C., 1899-1901; aid, U. S. Geol. Survey, 1903-6; asst., acting and chief ed. Monthly Weather Review, 1908-10, 1914-8; asst. ed. Engin-Mining Journal, 1919-21; asst. prof. econ., Coll. City of New York, 1921-5. —*b.* Washington, D. C., Mar. 25, 1872; *s.* Cleveland and Frances Martha (Neal) A.; reared in city; *m.* Frieda Dauer, 1903; *c.* Ernst Cleveland, Elfriede Martha. A.B., Harvard Univ., 1894; A.M., 1896; Ph.D., Johns Hopkins Univ., 1898; student Imperial Univ., Vienna, 1901-3.

Abbott, Clifford A., instr. agr. and princ. Union Sch., E. Otto, N. Y.

Teach. agr., high-sch., Candor, 1917-21; present position, 1922-. Served in Inf., A. E. F., 1918-9. —*b.* Otisco, N. Y., Apr. 19, 1895; *s.* Addison A. and Sara M. (King) A.; reared on farm; *m.* Xenia M. Hawkins, July 10, 1924. Grad. Cortland State Normal Sch., 1917; student Cornell Univ.

Abbott, Fortis Harold, farmer, manag. and treas. Northfield Coop. Creamery Co., Inc., Northfield, Vt.

Formerly co. agrl. agt., Montpelier, Vt.; sales manag., Eastern States Farmers Exchange, Springfield, Mass. (Co-op. purchasing and marketing). —*b.* Brookfield, Vt., Oct. 31, 1891; *s.* Irving N. and Mary E. (Steele) A.; reared on farm; *m.* Sadie M. Chambers, Mar. 6, 1915; *c.* Nathan M., Peggy O. B.S., Univ. Vt., 1913. Alpha Zeta.

Abbott, Horace Emerson, co. agrl. agt., Brazil, Ind.

Superv. voc. agr., LaFayette, Ind., 1917; asst. co. agrl. agt., LaPorte, 1918; breeder Poland-China hogs, Martinsville, 1919-20. Sec. Clay Co. Farmers Assoc. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Pendleton, Ind., Mar. 10, 1896; *s.* Chas. O. and Anna B. (Cunningham) A.; reared on farm. B.S.A., Purdue Univ., 1918. Sigma Pi.

Abbott, John Blackler, ext. prof. agron., Mass. Agr. Coll., Amherst, Mass.

Deputy state chem., Purdue Univ., 1907-8; asst. soils, 1908-11; assoc. soils, 1911-4; state co. agt. leader, N. H. A. & M. Coll., 1914-6; asst. prof. agron., Mass. Agr. Coll., winter 1917; agrl. agt., Middlesex Co., Mass., 1917-9; pres-

ent position, 1920-. —*b.* E. Bethel, Vt., Jan. 5, 1883; *s.* Lewis H. and Louise (Jones) A.; reared on farm; *m.* Myra P. Ashwell, Aug. 5, 1908; *c.* Thos. Lewis, Ellen Louise. B.S.A., Univ. Vt., 1907; M.S.A., Purdue Univ., 1909. Sigma Xi.

Abbott, Leslie Elmer, farmer, Apponaug, R. I.

Foreman orcharding, Turner Hill, Mass., 1914; with Boston Gard. Co., Waban, 1915-6; state superv. agt., Conn. Bd. Educ., and instr. Danbury Normal Sch., 1917-20; state superv. voc. agrl. educ., R. I. Bd. Educ., and teach.-trainer agr., R. I. State Coll., 1920-3. —*b.* Waltham, Mass., Sept. 9, 1891; *s.* Wm. Henry and Sarah Elizabeth (Creech) A.; *m.* Margaret Grayson Bartley, Aug. 28, 1915; *c.* Jane. B. Sc., Mass. Agr. Coll., 1914. Kappa Epsilon.

Abbott, Mark Moore, co. agrl. agt., International Falls, Minn.

Pres. Minn. Co. Agts. Assoc., 1924. —*b.* Watkins, Minn., July 12, 1894; *s.* I. M. and Maria (Cole) A.; reared on farm. B.S., Univ. Minn., 1916. Gamma Sigma Delta.

Abbott, Walter Clarence, state agt. boys and girls club work, La. State Univ., Baton Rouge, La.

Agrst., agrl. high-sch., Hope Villa, La., 1910-3; princ. and agrst., agrl. high-sch., Stonewall, La., 1913-7; asst. state pig club agt., La. State Univ., 1917-8; co. agrl. agt., Natchitoches Parish, 1918; distr. agt., 1919; present position, 1920-. —*b.* Boston, Ga., Oct. 6, 1889; *s.* W. R. and Jennie (Rowley) A.; reared in town; *m.* Julia Ellen Daigle, Dec. 26, 1911; *c.* Jennie Mae, Walter Clarence, Wm. Simon, Mary Josephine, Florida. B.S., Ala. Poly. Inst., 1909.

Abel, James Frederick, asst. specialist foreign educ., Bur. Educ., Washington, D.C.

Princ. grammar sch., Elko, Nev., 1902-4; high-sch., Winnemucca, 1904-6; deputy state supt. public instr. for Nev., 1907-15; chm. bd. regents, Univ. Nev., 1917-9; chief clerk, Bur. Educ., 1918-21; asst. specialist rural educ., 1921-5; present position, 1925-. —*b.* Paradise Valley, Nev., Feb. 3, 1878; *s.* David A. and Lavina (Denio) A.; reared on ranch and in town. B.A., Univ. Nev., 1901; M.A., Leland Stanford Univ., 1918. Phi Kappa Phi; Phi Delta Kappa.

Abell, Max Flavel, asst. prof. farm manag., Mass. Agr. Coll., Amherst, Mass.

Asst. farm crops, Ohio State Univ., 1914-5; asst. farm crops, Cornell Univ., 1915-7; instr. farm manag., Conn. Agr. Coll., 1917; asst. prof., 1918; present position, 1920-. Served with U. S. M. C. in Haiti, 1918-9. —*b.* Solvay, N. Y., Oct. 13, 1888; *s.* F. L. and Annie Rose (Palmer) A.; reared on farm. B.Sc., Cornell Univ., 1914; Ph.D., 1924. Alpha Zeta.

Abell, Tracy Hayes, asst. prof. hort., Utah Agr. Coll., Logan, Utah.

Asst. princ., high-sch., Victor, Mont., 1915-6; instr. hort., Utah Agr. Coll., 1917-9; asst. prof., 1919-. Fellow Utah Acad. Sci. *Auth.:* (with Widtsoe) Western Agriculture. —*b.* Winona, Minn., June 25, 1893; *s.* Geo. and Emma L. (Clow) A.; reared in city; *m.* Rose L. Sexton, Nov. 17, 1917; *c.* Roland T., June R. B.S., Mont. State Coll., 1915; M.S., Ore. Agr. Coll., 1917. Gamma Sigma Delta; Phi Kappa Phi.

Ackerson, Harry Elmer, co. agrl. agt., Delphi, Ind.

b. Armstrong, Ill., Jan. 12, 1893; *s.* Nels and Mary A.; reared on farm. B.S.A., Purdue Univ., 1917. Alpha Zeta; Acacia.

Ackert, James Edward, prof. zool. and parasitologist Exp. Sta., head grad. studies Kans. State Agr. Coll., Manhattan, Kans.

Teach. fellow zool., Univ. Ill., 1909-11; fellowship in zool., 1911-3; prof. vert. zool., Ill. State Normal Univ., summer 1913; asst. prof. zool., Kans. State Agr. Coll., 1913-6; assoc. prof., 1916-9; prof., 1919-; acting head dept. zool., 1919-20; parasitologist Exp. Sta., 1913-. Fellow A.A.A.S.; mem. exped. Intern.

Health Bd. to Trinidad, B.W.I., 1921 to investigate control hookworm disease. —*b.* Woosung, Ill., Aug. 31, 1879; *s.* Abram and Eva (Nowell) A.; reared on farm; *m.* Florence Mae Tanner, Aug. 15, 1914. A.B., Univ. Ill., 1909; A.M., 1911; Ph.D., 1913. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta; Gamma Alpha; Delta Phi.

Adair, Henry Steven, jr. ent. deciduous fruit insect invests., U. S. Dept. Agr., Thomasville, Ga.

2d Lieut. O. R. C. —*b.* Dumas, Miss., Nov. 7, 1899; *s.* Robt. Luther and Sallie (Bartlett) A.; reared on farm; *m.* Lucile Randolph, Dec. 24, 1923. B.S., Miss. A. & M. Coll., 1923.

Adair, Shields B., teach. agr. and supt. farms, Berry Schs., Berry, Ga.

Farm supt., 10th Distr. Agr. Sch., Sparta, Ga., 1910-1; farmer and stockman, 4 yrs.; co. agrl. agt., Rome, Ga., 1917-20; present position, 1920-. —*b.* Elberton, Ga., Sept. 27, 1891; *s.* Samuel B. and Fannie A. (Thornton) A.; reared in town and on farm; *m.* Ellen L. Davis, Dec. 2, 1914; *c.* Sarah Elizabeth.

Adams, Alton H., co. club leader, Watertown, N. Y.

b. Chaumont, N. Y., Dec. 4, 1895; *s.* Hector and Sarah Elizabeth (Haas) A.; reared in village; *m.* Ruth Mone Kissel, Nov. 19, 1920. B.S.A., Syracuse Univ., 1920. Phi Kappa Phi; Delta Tau Delta; Gamma Alpha Epsilon.

Adams, Bishop B., co. agrl. agt., Marshall, Mich.

Farm manag., Ind., 5 yrs. —*b.* Chicago, Ill., Oct. 25, 1889; *s.* Wm. S. and Adele Eloise A.; reared in city; *m.* Mildred Farwell; *c.* Jane, Anne, Bobbie.

Adams, Bristow, prof., ed. publications, chg. information serv., N. Y. State Coll. Agr., Cornell Univ., Ithaca, N. Y.

Assoc. ed. Pathfinder, Washington, 1894-6; artist Bering Sea Fur Seal Comn., 1897-8; ed. American Spectator, 1902-6; assoc. ed. Forestry and Irrigation, 1903-4; for. asst. and for. examiner, U. S. For. Serv., 1906-14; present position, 1914-. Sec. Soc. Amer. Foresters, 1914. Pres. Amer. Assoc. Agrl. Coll. Editors, 1918-9. With off. information, U. S. Dept. Agr. in campaign to stimulate food production, 1917-8; Military Intelligence Div., General Staff, U. S. Army, 1918. Traveled in France, studying French farming, 1924. Publicity dir. World's Dairy Congress, 1923. (Journalism and for.). —*b.* Washington, D. C., Nov. 11, 1875; *s.* Crawford Cadwalader and Ada Gertrude (Harrison) A.; reared in city and on farm, farming in Va., 1886-91, in Calif., 1899; *m.* Luella Farmer, Apr. 23, 1902; *c.* Eleanor, Gertrude, Everett Wallace, Bristow II. Art educ. Spring Garden Inst., Philadelphia, Corcoran Art Sch., Washington, Barron Studios, Stanford Univ.; B.A., Stanford Univ., 1906. Sigma Xi; Alpha Gamma Rho.

Adams, Carroll Sidney, assoc. prof. hort., Miss. A. & M. Coll., Agricultural College, Miss.

Student asst. hort., Univ. Ky., 1914-5; asst. prof. and asst. hort. Exp. Sta., 1915-7; manag. Adams-Martin market-garden, 1916-7; agrl. agt. Beaufort Co., S. C., 1918; asst. cashier and farm sec. Beaufort Bank, Beaufort, S. C., 1919-23; present position, 1923-. —*b.* Marlboro, N. H., Dec. 26, 1891; *s.* Fred E. and Lizzie C. (Moors) A.; reared in town; *m.* Marguerite Martha Morris, June 17, 1919; *c.* Carroll Sidney Jr. B.S., Univ. N. H., 1913; student Univ. Ky., 1913-4. Alpha Zeta.

Adams, Charles Snyder, co. agrl. agt., Reading, Pa.

Teach. math., Perkiomen Sem., 1909-10. Dir. Reading Fair Assoc., 1915-. —*b.* Jacksonwald, Pa., Oct. 30, 1888; s. Albert H. and Deborah T. (Snyder) A.; reared on farm. B.S., Penn. State Coll., 1914. Alpha Gamma Rho.

Adams, Daniel Snyder, sec. and asst. manag. St. Lawrence Dairy Co., Reading, Pa.

Teach. rural sch., 1909-13; agrl. agt. Chester Co., 1917-20. Mem. com. Intern. Milk Dealers Assoc. —*b.* Jacksonwald, Pa., Apr. 10, 1891; *s.* Albert Hartman and Deborah (Snyder) A.; reared on farm. B.S., Penn. State

Coll., 1917. Alpha Zeta; Phi Kappa Phi.

Adams, Edward Francis, farmer and journalist, 954 Ashbury St., San Francisco, Calif.

Editorial writer, San Francisco Chronicle. Served in Civil War. *Auth.*: The Modern Farmer, 1899; Critique of Socialism, 1905; Inhumanity of Socialism, 1913. —*b.* Augusta, Me., Dec. 30, 1839; *s.* Thos. and Catherine (Lyman) A.; *m.* Roah Elmira Shattuck, Jan. 30, 1860; 2d, Delia Ray Cooper, Dec. 25, 1868. Grad. Western Reserve Coll., 1860.

Adams, Frank, irrig. manag., Bur. Public Roads, U. S. Dept. Agr., and prof. irrig. invest. and practice, Univ. Calif., Davis, Calif.

Irrig. invest., U. S. Dept. Agr., 1900-; chg. coop. irrig. invest. in Calif. (U. S. Dept. Agr., Calif. State Dept. Engin., Univ. Calif.), 1910-. *Ed.*, Transactions. Commonwealth Club of Calif., 1906-8; chm. sect. on conservation, 1911-6; chm. com. on irrig., 1920-3. —*b.* Chicago, Ill., Sept. 19, 1875; *s.* Edward Francis and Delia Roxana (Cooper) A.; reared on farm; *m.* Amy Belle Hill, June 20, 1906; *c.* Helen, Francis Edward, David Hill, Thomas Cooper. A.B., Stanford Univ., 1901; A.M., Univ. Neb., 1906.

Adams, George Edward, prof. agron., dean agrl. dept., R. I. State Coll., Kingston, R. I.

Asst. hort., R. I. Exp. Sta., 1894-1904; assoc. agron., 1904-7; prof. agron., R. I. State Coll., 1907-; dean agrl. dept., 1917-; state statistical agt., U. S. Dept. Agr. for R. I., 1901-14. —*b.* N. Kingstown, R. I., May 12, 1874; *s.* Geo. L. and Annie (Gould) A.; reared on farm and in town; *m.* Mary Gates Schermerhorn, Oct. 20, 1903. B.S., R. I. State Coll., 1894; M.S.A., 1916; grad. student Cornell Univ., 1897, 1899-1900. Phi Kappa Phi.

Adams, James Fowler, assoc. plant path., Exp. Sta., Univ. Del., Newark, Del.

Asst. instr. bot., Penn. State Coll., 1911-2; instr., 1912-4; asst. prof., 1914-8; assoc. prof., 1918-20. Served in Infantry, Camp Lee, Va., June-Sept., 1918; Med. Corps, Army Med. Sch., Washington, 1918-May, 1919. (Plant path. and mycology). —*b.* Charlestown, Mass., Mar. 5, 1888; *s.* W. T. and C. M. A.; reared in city. B.S., Mass. Agr. Coll., 1911; M.S., Penn. State Coll., 1914; Ph.D., Columbia Univ., 1918.

Adams, Jesse Bliss, teach. voc. agr., high-sch., Harvard, Ill.

Teach. high-sch., Mound City, Kans., 1914-5; princ. high-sch., Portis, 1915-7; princ. Racine Co. Sch. Agr., Rochester, Wis., 1919-21; present position, 1921-. Dir. northern div. Ill. State Assoc. of Voc. Agrl. Teach. —*b.* Mound City, Kans., Mar. 14, 1893; *s.* Edwin M. and Delle M. (Mason) A.; reared in village; *m.* Josephine Perrill, June 8, 1916; *c.* Richard P., Louis M., Lula M. B.S., Kans. State Agr. Coll., 1914.

Adams, John Dawson, state vet. and dir. Ida. Bur. An. Ind., State House, Boise, Ida.

Teach. rural schs., Kans. and Mo.; meat insp. and field quarantine work, Bur. An. Ind., U. S. Dept. Agr., 4 yrs.; present position, 1919-. —*b.* Denver, Ill., Sept. 4, 1873; *s.* Thos. E. and Mary Ellen (Massie) A.; reared on farm; *m.* Gladys Luella Newsome, Jan. 12, 1916. D.V.S., Wash. State Coll., 1910.

Adams, Maude Gregory, prof. in chg. teach.-training in home econ., Ohio State Univ., Columbus, O.

Teach. public schs., Lewis Clarke Co., Mont., 1898; membership sec. Los Angeles Y. W. C. A., 1910-1; teach. dom. art, Columbus Sch. for Girls, 1912-4; teach. home econ., Castilleja Sch., Palo Alto, Calif., 1914-5; superv. practice teach. in home econ., Ohio State Univ., 1915-9; state superv. voc. home econ., 1917-20; asst. prof. home econ., 1919-21; present title, 1921-. —*b.* London, England, May 20, 1874 (naturalized 1883); *d.* Cornelius Wm. and Marcia Frances (Perrin) Gregory; *m.* Paul Allen Adams, Nov. 24, 1898; *c.* Althea Tracy. Student Leland Stanford Univ., 1896-8; B.Sc., Ohio State Univ., 1914. Phi Upsilon Omicron.

Adams, Maxwell, prof. chem. and dean Coll. Arts and Sci., Univ. Nev., Reno, Nev.

Instr. sci. and vice-pres. State Normal, Chico, Calif., 1897-1906; prof. chem., Univ. Nev., 1906-; dean Coll. Arts and Sci., 1917-; vice-pres. Univ. Nev., 1922-. Operator fruit farm, Chico, Calif., 13 yrs. Fellow A. A. A. S. —*b.* St. George, W. Va., Feb. 28, 1869; *s.* Daniel C. and Dorcas (Bonnifield) A.; reared on farm; *m.* Elizabeth Quinn, July 27, 1897; *c.* Lindel Dorcas, Gregory R. A.B., Leland Stanford Univ., 1895; A.M., 1896; Ph.D., Univ. Chicago, 1904. Sigma Xi; Phi Kappa Phi.

Adams, Richard Laban, prof. farm manag., Univ. Calif., Berkeley, Calif.

Dir. Spreckels Sugar Co. Exp. Sta., Spreckels, Calif., 5 yrs.; asst. general manag., Miller & Lux Inc., Calif., 2 yrs.; present position, 1914-. Farm help specialist for Calif., U. S. Dept. Agr. *Auth.*: Manual for Sugar Beet Growers, 1913; Farm Management Notes, 1920; Farm Management, 1921. —*b.* Dorchester, Mass., Aug. 27, 1883; *s.* Chas. Laban and Emma (Sellew) A.; reared in city; *m.* Grace Ella Fuller, June 22, 1910. B.S., Mass. Agr. Coll., 1905; B.S., Boston Univ., 1905; M.S., Univ. Calif., 1910. Phi Kappa Phi; Alpha Zeta.

Adams, Robert Morrill, asst. ext. prof. veg.-gard., Cornell Univ., Ithaca, N. Y.

Teach. biol. and agr., high-schs., Philippines, 1906-12; princ. high-sch., Tisbury, Mass., 1912-3; examiner, Civil Serv. Comn., Washington, 1913-5; translator, ed. and sci. asst. hort., U. S. Dept. Agr., 1917-9; present position, 1920-. Traveled twice around world. *Auth.*: Rude Rural Rhymes. (Agrl. educ.). —*b.* Hill, N. H., May 28, 1882; *s.* Frank E. and Mary (Parker) A.; reared on farm and in town; *m.* Catherine Van Gorden, July 17, 1912; *c.* Van Gorden. B.S., Lebanon Univ., 1903; A.B., Yale Univ., 1906.

Adams, Samuel, assoc. ed. American Fruit Grower Magazine, 53 W. Jackson Blvd., Chicago, Ill.

Farmer, Fla., 1880-96, Va., 1912-24. Pres. Amer. Agrl. Ed. Assoc.; former pres. Amer. Pom. Soc.; sec. E. Fruit Growers Assoc. Formerly promotion manag., San Francisco Chronicle, Union and Advertizer, Rochester, N. Y., Indianapolis Sun. Traveled in Europe, W. Indies, S. Amer. —*b.* Westfield, Mass., May 13, 1876; *s.* Sherman and Frances Ellen (Selley) A.; reared on farm; m. Mary Lee Campbell, Dec. 22, 1903. Student Univ. Fla., Northwestern Univ., Geo. Washington Univ.

Adamson, C. R., co. agrl. agt., Raton, N. Mex.

Supt. schs., Kans., 7 yrs.; asst. an. husb., Univ. Ariz., 1917-8; present position, 1918-. —*b.* Richmond, Ind., Mar. 12, 1886; *s.* W. E. and Lizzie E. (Dunham) A.; reared on farm; *m.* Gladys Dunlap, 1921. A.B., Kans. State Teach. Coll., 1909; B.S.A., Kans. State Agr. Coll., 1917. Alpha Zeta; Phi Kappa Phi.

Adamson, Ralph W., teach. voc. agr. and supt. schs., Fertile, Ia.

b. Mystic, Ia., Oct. 3, 1894; *s.* E. E. and Carrie (Temple) A.; reared on farm; *m.* Helen H. Whiting, Apr. 7, 1920; *c.* Betty Jean, Dorothy Louise. B.S., Ia. State Coll., 1924.

Addy, Clyde Seth, co. agrl. agt., Lexington, S. C.

Teach. voc. agr., high-sch., Lexington, 1921-4; present position, 1924-. —*b.* Leesville, S. C., July 27, 1896; reared on farm. B.S., Clemson Agr. Coll., 1921.

Adee, Jessie Gertrude, home dem. agt., Forsyth, Mont.

Co. supt. schs., Ottawa Co., Kans., 1913-7; co. club leader, 1917-9; nutr. specialist, Kans. State Agr. Coll., summers 1921-2; home dem. agt. Rosebud Co., Mont., 1923-. —*b.* Wells, Kans.; *d.* Richard and Evangeline Julia (Barnes) A.; reared on farm. B.S., Kans. State Agr. Coll., 1922; M.S., 1923. Theta Sigma Phi.

Aderhold, O. C., teach. agr. and princ. Martin Inst., Jefferson, Ga.

b. Lavonia, Ga., Nov. 7, 1899; *s.* J. P. and Mary Cathrine (Farmer) A.; reared on farm. B.S.A., Univ. Ga., 1923. Alpha Zeta.

Adkins, Charles, farmer, congressman, Decatur, Ill.

Mem. Ill. Legislature, 6 yrs.; speaker House of Rep., 2 yrs.; mem. U. S. House of Rep., 1924-; formerly dir. agr., Ill. Dept. Agr. —*b.* near Derby, O., Feb. 7, 1863; *s.* Sampson and Eliza Ann (Mintin) A.; reared on farm; *m.* Dora E. Farrow, Jan. 8, 1887; *c.* Dora Ellen, Chas. Otis, Ben F., Roy, Howard, Ruth, Grace, Mary E., Martha.

Adolph, Fred Philip, teach. agr. and princ. high-sch., St. Clair, Mich.

b. Union City, Mich., Nov. 1, 1897; *s.* Lewis and Elizabeth (Olds) A.; reared on farm. B.S., Mich. Agr. Coll., 1922.

Adriance, Guy Webb, assoc. prof. hort., Tex. A. & M. Coll., College Station, Tex.

With Arlington Heights Fruit Co., Riverside, Calif., 1 yr.; subtrop. fruit invest., United Fruit Co., Honduras, 1 yr.; asst. prof. hort., Tex. A. & M. Coll., 1921-4; assoc. prof., 1924-. 1st Lieut. Air Serv., U. S. Army, 1917-9. (Pom.). —*b.* Bryan, Tex., June 19, 1895; *s.* Duncan and May (Webb) A.; reared in town; *m.* Lois Brock, June 14, 1921. B.S., Tex. A. & M. Coll., 1915; M.S., Univ. Calif., 1917. Delta Kappa Epsilon.

Adriance, John Willis, co. agrl. agt., Stockton, Calif.

Asst. emer. dem. agt., San Joaquin Co., Calif., 1917-9; co. agrl. agt., 1919-. (Farm manag.). —*b.* Napa, Calif., Jan. 24, 1895; *s.* John Chamberlain and Lucinda Willis (Winchester) A.; reared on farm. B.S., Univ. Calif., 1917. Alpha Zeta.

Agee, Alva, sec. State Dept. Agr., Trenton, N. J.

Prof. in chg. agrl. ext., Penn. State Coll., 1907-12; dir. div. ext. in agr. and home econ., Rutgers Coll., 1912-8; sec. N. J. State Dept. Agr., 1916-. *Auth.*: Essentials of Soil Fertility, 1911; Crops and Methods for Soil Improvement, 1913; The Right Use of Lime in Soil Improvement, 1919; First Steps in Farming, 1923. *Assoc. ed.,* National Stockman and Farmer. —*b.* Cheshire, O., Oct. 1, 1858; *s.* Jesse Thornhill and Lydia (Mauck) A.; *m.* Louise Grace Hibbs, Oct. 6, 1887. M.S., Univ. Wooster, O., 1911; M.S., Princeton Univ., 1922. Delta Upsilon; Phi Kappa Phi; Alpha Zeta.

Agee, Hamilton Pope, dir. Hawaiian Sugar Planters' Exp. Sta., Honolulu, Hawaii.

Asst. dir. in chg. La. Sugar Exp. Sta., 1909-11; agrst., Hawaiian Sugar Planters Exp. Sta., 1911-3; dir., 1913-. Mem. Bd. Comnrs. of Agr. and For. of Hawaii. (Sugar-cane agr.). —*b.* Memphis, Tenn., Dec. 9, 1884; *s.* G. W. and Elizabeth (Worthen) A.; *m.* Fannie Heaslip Lea, May 11, 1911; *c.* Anne W. B.S., La. State Univ., 1904. Kappa Sigma.

Aggrey, James Emman Kwegyir, prof. econ. and sociol., Livingstone Coll., Salisbury, N. C.

Pastor Miller's Chapel and Sandy Ridge Circuit. Vice-pres. N. C. State Teach. Assoc.; super. officer, Piedmont Credit Union; sec-treas. Piedmont Nat. Farm Loan Assoc.; lect. rural sociol., Rowan Co., N. C., Farm Assoc. Fellow Royal Anthropological Inst.; vice-pres. Amer. Negro Acad.; mem. Société d' Anthropologie de Paris. Formerly ed. The Living Stone, The Industrial Messenger. (Religion, educ., sociol., the negro problem). —*b.* Anamabu, Gold Coast, W. Africa, Oct. 18, 1875; *s.* Kodwo Kwegyir and Abina (Andua) A. (col.); *m.* Rose Rudolph Douglass, Nov. 8, 1905; *c.* Abina Andua Azalea, J. E. K. Jr., Rosebud Douglass. A.B., Livingstone Coll., 1902; student Columbia Univ.; A.M., Livingstone Coll.; D.D., Hood Theol. Sem. Tau Delta Tau.

Agster, Horatio Stanley, co. agrl. agt., Rensselaer, Ind.

Farmer, 1914-8. Farm serv. dept., Citizens' Bank of Anderson. —*b.* Fulton Co., Ind., May 2, 1891; *s.* Fred and Ellen (Johnson) A.; reared on farm; *m.* Catherin Bernice Coplen, May 26, 1915; *c.* Richard Tod, Jean Catherine. B.S., Purdue Univ., 1915.

Ahearn, Michael Francis, prof. pom., Kans. State Agr. Coll., Manhattan, Kans.

Asst. hort., Kans. State Agr. Coll., 1904-9; head coach athletics, 1905-11; instr. hort., 1909-11; asst. prof. hort., 1911-3; assoc. prof. hort., 1913-5; prof. pom. and lands. gard., 1915-. Mem. Kans. Rural Life Comn., 1916-. Florist 6 yrs. in Mass. and N. H. —*b.* Masboro, England, Nov. 28, 1878; *s.* John and Mary (Currivan) A.; reared in city and country; *m.* Mary Elizabeth Davis, Aug. 14, 1907; *c.* Kathleen, Jas. Edward. B.Sc., Mass. Agr. Coll., 1904; M.S., Kans. State Agr. Coll., 1913. Alpha Sigma Phi; Alpha Zeta; Phi Kappa Phi.

Ahlson, Charles Boone, field agron. and state seed comnr., Univ. Ida., State House, Boise, Ida.

Field agt., Ida. Seed Growers Assoc., 1919-20; asst. agron., Univ. Ida., 1920-1; field agron., 1921-. 3d vice-pres. Intern. Crop Improvement Assoc., 1924. 2d Lieut. Field Art., U. S. Army, 1918-9. —*b.* Portland, Ore., Sept. 13, 1892; *s.* Chas. and Mary A. (Olson) A.; reared on farm; *m.* Kate Fields, June 10, 1921. B.S.A., Ore. Agr. Coll., 1919. Alpha Zeta; Beta Nu; Pi Kappa Alpha.

Aicher, Louis Cornelius, supt. Fort Hays Branch Exp. Sta., Hays, Kans.

Supt. Exp. Sta., Caldwell, Ida., 1910-1; agron., Bur. Plant Ind., U. S. Dept. Agr. and supt. Aberdeen Exp. Sta., Aberdeen, Ida., 1911-21; present position, 1921-. —*b.* Meeker, Colo., Jan. 16, 1887; *s.* C. and Lena (Estell) A.; reared on farm; *m.* Edith Nellie Davies, June 15, 1911; *c.* Louis Carlyle, Frances, Geo. Wilson. B.S.A., Kans. State Agr. Coll., 1910. Alpha Zeta.

Aiken, George David, fruit-grower and nurseryman, Putney, Vt.

Pres. Vt. Hort. Soc., 1918-9; state vice-pres. New England Fruit Show, 1915-9. (Bush-fruits, particularly raspberries). —*b.* Dummerston, Vt., Aug. 20, 1892; *s.* Edward W. and Myra (Cook) A.; reared on farm; *m.* Beatrice M. Howard, Dec. 7, 1914; *c.* Dorothy Howard, Marjorie Evelyn.

Aiken, Herbert Everett, farmer, field rep. Grange League Fed. Exchange, R. No. 82, Jamestown, N. Y.

Master Pomona Grange of Chautauqua Co., 1917-; mem. exec. com. N. Y. State Grange; pres. Chautauqua Co. Farm Bur. Assoc., 1918-9; Justice of Peace, town of Ellicott. (Potato-growing). —*b.* Jamestown, N. Y., Mar. 17, 1872; *s.* Lyman and Zeruiah (Jones) A.; reared on farm; *m.* Mary Evelyn Halsall, June 6, 1900; *c.* Lyman Halsall.

Aikins, Frederick H., instr. agr., high-sch., Wakefield, R. I.

Served in U. S. Army, 1918-9. —*b.* Windham, Me., Apr. 28, 1895; *s.* Jas. E. and Cora Ellen (Harlow) A.; reared in country; *m.* Helen G. Walton, Feb. 22, 1918; *c.* Harold Harlow, Jas. Frederick. B.S., Univ. Me., 1917.

Ainslie, Charles Nicolas, ent., Bur. Ent., U. S. Dept. Agr., in chg. field sta., 5009 Orleans Ave., Sioux City, Ia.

Fellow A. A. A. S. —*b.* Amsterdam, N. Y., Oct. 13, 1856; *s.* Geo. and Mary Jane (Hagaman) A.; reared on farm; *m.* Ada Louise Gooding, Oct. 9, 1884; *c.* Geo. Gooding, Arthur Frederic, Kenneth Chas. B.S., Beloit Coll., 1877; M.A., 1880.

Ainslie, George Gooding, ent. asst. in chg. Bur. Ent. field sta., R. D. No. 9, Knoxville, Tenn.

Assoc. prof. zool. and ent., Clemson Agr. Coll., S. C., 1909-10. Fellow A. A. A. S. (Field crop insects). —*b.* Rochester, Minn., Mar. 7, 1886; *s.* Chas. N. and Ada. L. (Gooding) A.; reared in town; *m.* Mattie L. Baumgarten, Aug. 16, 1910; *c.* Paula Louise, Geo. Lewis. B.S.A., Univ. Minn., 1908; M.S.A., Univ. Tenn., 1924. Sigma Xi; Alpha Zeta.

Ainsworth, Helen Louise, home dem. agt., 1634 Elm St., Utica, N. Y.

b. Forestport, N. Y., Jan. 7, 1899; *d.* Geo. R. and Grace (Abbott) A.; reared in village and city. B.S., Elmira Coll., 1921.

Akers, Tyler Frazier, instr. voc. agr. and princ. high-sch., Boyce, Va.

Instr. voc. agr. Appomattox Agrl. High-Sch., 1919-24; present position, 1924-. Vice-pres. Va. State Parent-Teach. Assoc. 2d Lieut. Field Art., U. S. Army, 1918-9. —*b.* Snowville, Va., May 8, 1894; *s.* Montie Yost and Laura Flora (Buckingham) A.; reared on farm. B.S.A., Va. Poly. Inst., 1918; M.S.A., 1924.

Albert, Arthur Robert, supt. Hancock and Coddington Exp. Farms, Hancock, Wis.

Asst. soils, Univ. Wis., 1915-7; instr., 1921-. Traveler for Armour Fertilizer Works, 2 yrs. 1st Lieut., Field Art., O. R. C., 5 yrs.; served in France.—*b.* Burnett, Wis., Sept. 24, 1891; *s.* John G. and Amelia (Kuehn) A.; reared on farm; *m.* Villetta Irene Hawley, Dec. 5, 1922. B.S., Univ. Wis., 1915. Alpha Zeta.

Albert, David Worth, asst. prof. hort. and asst. hort. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Farm loan dept., 1st Nat. Bank, Payette, Ida., 1919; instr. hort., Univ. Ariz., 1920-2; asst. hort., Exp. Sta., 1922-4; present position, 1924-. Sergeant U. S. Army, 1917-8. (Subtrop. pom.). —*b.* LaPorte, Pa., July 21, 1892; *s.* M. F. and Minnie E. (Albert) A.; reared in town and on farm; *m.* Margaret Fowler, Sept. 30, 1922; *c.* Margaret Helen. B.S., Univ. Ida., 1916. Sigma Nu.

Albertson, Henry Haines, farmer, Burlington, N. J.

Fruit-grower and farmer, Taughannock Falls, N. Y., 5 yrs., Burlington, N. J., 16 yrs. Sec. Burlington Co. Bd. Agr., 7 yrs.; dir. Farmers Trust Co., Mt. Holly, N. J.; sec. N. J. State Hort. Soc., 1921-4; dir. Jersey Fruit Growers Coop. Assoc. Traveled in Europe, Porto Rico. *Assoc. ed.,* Farm Journal, 1901. —*b.* Fernwood, Pa., Jan. 9, 1880; *s.* Henry and Mary R. (Hodgson) A.; reared in town; *m.* Maria B. Moon, May 15, 1915; *c.* Edith M., Elizabeth R., Eleanor T., Mary H. Student Cornell Univ., 1898-1900.

Albrecht, Arthur Emil, dir. N. Y. office, State Dept. Farms and Markets, 53 Park Pl., New York, N. Y.

Special agt., U. S. Bur. Labor Statistics, 1916-9; instr. econ., Coll. City of N. Y., 1919-20; econ., N. Y. Off., Dept. Farms and Markets, 1920-3; dir., 1923-. *Auth.*: History of the International Seamens Union, 1923. —*b.* New York, N. Y., Aug. 19, 1894; *s.* Max and Louise (Krogmann) A.; reared in city; *m.* Laura Cecelia Hayden, June 18, 1921; *c.* June Louise. B.A., Coll. of City of N. Y., 1916; M.A., Geo. Washington Univ., 1917; Ph.D., Columbia Univ., 1923.

Albrecht, William Albert, assoc. prof. soils and asst. Exp. Sta., Univ. Mo., Columbia, Mo.

Instr. Latin, Bluffton Coll., O., 1911-2; instr. soils, Univ. Mo., 1916-9; asst. prof., 1919; assoc. prof., 1920-. Manag. grain farm, 1915-. Fellow A. A. A. S. (Nitrogen fixation in soils). —*b.* Flanagan, Ill., Sept. 12, 1888; *s.* John and Barbara (Nafziger) A.; reared on farm. A.B., Univ. Ill., 1911; B.S.A., 1914; M.S., 1915; Ph.D., 1919. Sigma Xi; Gamma Alpha; Alpha Zeta; Gamma Sigma Delta.

Albright, William Donald, supt. Dominion Exp. Subst., Beaverlodge, Alta.

Ed. Maritime Farmer, Sussex, N. B., 1903-5; assoc. ed., Farmers Advocate, London, Ont., 1905-8, manag. ed. till 1913; manag. Weldwood Farm, 1911-3; pioneer in Peace River region, 1913-; manag. Exp. Substa., 1915-9; supt., 1919-. —*b.* S. Cayuga, Ont., Aug. 15, 1881; *s.* Josiah D. and Sarah E. (Moyer) A.; reared on farm; *m.* Eva Belle Lossing, May 22, 1908; *c.* Florence Eileen, Frederick Bruce, Robt. Gordon. Grad. 2-yr. course, Ont. Agr. Coll., 1903.

Albyn, Herbert A., hort., Bennington, Vt.

Manag. fruit farms, Vt., O. and Tex. Supt. Green Mt. Home Sch.; owner Albyn-Thompson fruit farm and Hillcrest sheep farm. —*b.* Chillicothe, O., Sept. 8, 1882; *s.* Martin Henry and Eunice Helen (Whitaker) A.; reared on farm; *m.* Clara L. Deinhardt, Aug. 3, 1909; *c.* Everett, Robt., Jeanne, Mary. Student, Ohio State Univ.

Alcorn, Timothy Marshall, dir. voc. agr., high-sch., Modesto, Calif.

Supt. schs., Shelton, Wash., 1906-9; Bremerton, Wash., 1909-12; farmer,

Ore., 1912-8; dir. voc. agr., Union High-Sch., Kingsburg, Calif., 1918-21; present position, 1921-. —*b.* Wayne Co., Ky., May 16, 1876; *s.* John Marshall and Addie Eliza (Marshall) A.; reared on farm; *m.* Esther Bowers, June 28, 1905 (*d.* 1917); 2d, Marian Boehne, June 25, 1924; *c.* Wayne Bowers, Earl Marshall. B.S., Kans. Wesleyan, 1903; A.B., Univ. Wash., 1906.

Alden, Charles Franklin, princ. rural high-sch., Goodlettsville, Tenn.

Supt. schs., Elk. Co., Pa., 1898; asst. math., Berrien Springs Coll., 1900; asst. agr., Peabody Coll., 1915-8. Vice-pres. and chm. rural sect., Tenn. State Teach. Assoc.; pres. Smith-Hughes Assoc. of Tenn. Contr. ed. Southern Agriculturist. —*b.* Brockwayville, Pa., Nov. 17, 1879; *s.* Scott and Amanda (Totten) A.; reared on farm; *m.* Laura E. Ashton, Sept. 28, 1902; *c.* Scott, Marie, John, Chas. F. Jr., Melvin. B.S., Peabody Coll., 1918. Phi Kappa Delta.

Alden, Charles Harold, asst. ent., U. S. Dept. Agr., Fort Valley, Ga.

Nursery insp., Mass. State Bd. Agr., 1915-8; present position, 1919-. 2d Lieut. Inf., U. S. Army, 1918. (Peach and apple insects). —*b.* Rochdale, Mass., Feb. 6, 1894; *s.* Hermon C. and Mary Ann (Matthews) A.; reared in village; *m.* Ivis L. Snow, June 26, 1918; *c.* John Chas. B.S., Mass. Agr. Coll., 1915. Kappa Epsilon.

Alderman, William Horace, chief div. hort., Univ. Minn., University Farm, St. Paul, Minn.

Field agt. making orchard survey for div. pom., Cornell Univ., summer 1908; asst. and assoc. hort., N. Y. Exp. Sta., Geneva, 1908-11; prof. hort. and hort. Exp. Sta., W. Va. Univ., 1911-9; acting dean and dir. Coll. Agr. and Exp. Sta., 1918-9; present position, 1919-. Sec. W. Va. State Hort. Soc., 1917-9; pres. Amer. Soc. Hort. Sci., 1920, pres. Great Plains sect., 1923; pres. Minn. State Hort. Soc., 1924. Fellow A. A. A. S. *Auth.*: (with others) Plums of New York. (Pom.). —*b.* Orleans Co., N. Y., Apr. 6, 1885; *s.* Chas. C. and Elvira A. (Root) A.; reared on farm; *m.* Margaret B. Chamberlayne, Sept. 23, 1908; *c.* De Forest Chas. B.S.A., Cornell Univ., 1908. Sigma Phi Sigma; Alpha Zeta; Alpha Gamma Rho; Gamma Sigma Delta.

Alderson, Matt. W., ed. Northwestern Stockman and Farmer, Helena, Mont.; Apr. 15, 1855-Sept. 1924. See Rus 1920.

Aldrich, Irwin Dayton, comnr. immigration, Pierre, S. D.

Supt. schs., Grant Co., S. D., 1895-9; owner and ed. Big Stone Headlight, 1900-20; present position, 1920-. Regent educ., S. D., 1901; sec. Bd. Regents, 1901-10, 1914-20. —*b.* Olmsted Co., Minn., June 3, 1864; *s.* Levi O. and Mary (Moore) A.; reared on farm; *m.* Ella R. Aldrich, July 23, 1895; *c.* Dorothy, Merton, Irwin Jr., Philip, Robt. B.S., S. D. State Coll., 1891; student Cornell Univ., 1892.

Aldrich, S. Allen, co. agrl. agt., Carlton, Minn.

General farmer, Rochester, Minn., 3 yrs.; instr. agr., high-sch., Henderson, Minn., 1918-9; Mantorville, 1919-21; present position, 1922-. —*b.* Rochester, Minn., Nov. 1, 1897; *s.* W. S. and Bettie M. (Pimbert) A.; reared in town. B.S., Univ. Minn., 1918. Alpha Gamma Rho.

Alexander, Alexander Septimus, prof. vet. sci., Univ. Wis., Madison, Wis.

Prof. vet. hygiene, zootechnics, breeding and feeding, Chicago Vet. Coll., 1890-1907; prof. vet. sci., Univ. Wis., 1903-; vet. Exp. Sta., 1903-10; dir. div. horse breeding, Wis. Dept. Agr., 1917-23. Auth. first stallion license law in U. S., 1906; originator Pure Sire League, 1911. Vet. hygienist, Worlds Columbian Expos., 1892-3; consulting vet., St. Louis Expos.; official vet. Intern. Live-Stock Expos., Chicago, 1900-3; vet. insp. Milwaukee Med. Soc., 1908-12; awarded gold and silver medals by Highland and Agrl. Soc. of Scotland, 1882. *Auth.*: Treatment of Border Leicester Ewes and Lambs, 1882; Verses in Scotch, 1903; Horse Secrets, 1910; contr. to Farm Knowledge and Book of Rural Life. —*b.* Glasgow, Scotland, July 7, 1860 (naturalized 1887); *s.* Archibald Speirs and

Jane Houghton (Lee) A.; reared in city and country; *m.* Mary Frances Hope, Jan. 5, 1887; *c.* Joseph Hope, Archibald Speirs, Alister Balmain. F. H.A.S. (nat. diploma in agr.), Edinburgh, 1882; cert. Glasgow Vet. Coll., and Andersonian Coll., Glasgow; Govt. Sci. and Art Dept., London; M.D.C., Chicago Vet. Coll., 1897. Alpha Zeta; Alpha Psi.

Alexander, Arthur Hadden, lands. arch., 4500 Euclid Ave., Cleveland, O.

Instr. lands. arch., Ia. State Coll., 1921-2. Mem. Amer. Soc. Lands. Arch. 1st Lieut. Air Serv., A. E. F.; awarded Croix de Guerre, Distinguished Service Cross. —*b.* Decatur, Ill., Oct. 27, 1892; *s.* Arthur Bengough and Stella (Hadden) A. B.S., Univ. Wis., 1914; M.L. A., Harvard Univ., 1917; Sheldon traveling fellow, 1920-1. Phi Delta Theta.

Alexander, Charles Paul, asst. prof. ent., Mass. Agr. Coll., Amherst, Mass.

Instr. in chg. farm course, Cornell Univ., 1914-7; ent., Ill. State Nat. Hist. Survey, 1919-22; present position, 1922-. Fellow Ent. Soc. Amer., Ent. Soc. London; mem. Ent. Soc. France; bd. dir. Anti-Mosquito Assoc. Mass., Inc. —*b.* Gloversville, N. Y., Sept. 25, 1889; *s.* Emil and Jane (Parker) A.; reared in city; *m.* Mabel Margaret Miller, Nov. 10, 1917. B.S., Cornell Univ., 1913; Ph.D., 1918. Sigma Xi; Alpha Gamma Rho; Gamma Alpha.

Alexander, Walter Albert, teach. voc. agr., high-sch., Bowling Green, O.

Teach. agr., Western Reserve Acad., Hudson, O., 1916-8; co. agrl. agt., 1918-9; farmer, 1919-21; teach. high-sch., Forest, O., 1921-4; Bowling Green, 1924-. —*b.* Bellaire, O., Jan. 15, 1892; *s.* Walter L. and Alberta (Jackson) A.; reared on farm; *m.* Joyce Ewing, Oct. 4, 1915; *c.* Robt. Ewing, James Kirkwood. B.S.A., Ohio State Univ., 1916. Alpha Sigma Phi.

Alexander, William Henry, meteorologist, U. S. Weather Bur., 16 E. Broad St., Columbus, O.

Teach. Latin and Greek, Decatur Coll., 1894-5; teach. sci., Henry Coll., Campbell, Tex., 1896-8; with U. S. Weather Bur., 1898-. Climatologist Ohio Agr. Exp. Sta. Pres. and sec. O. Acad. Sci.; del. to 2d Pan-Amer. Sci. Congress, 1915. Traveled in E. Indies. *Auth.*: A Climatological History of Ohio, 1924. —*b.* Hopkins Co., Tex., Jan. 10, 1867; *s.* Thos. Carroll and Martha Ann (Banta) A.; reared on farm; *m.* Mamie Pauline Clonts, Aug. 1894; *c.* Ralph Clonts, Pyllis Clair. A.B., Univ. Va., 1893.

Alford, George H., ed. The Progressive Farmer, Dallas, Tex.

Mem. Miss. Legislature, 1908-12. *Ed.*, Southern Farm Gazette, 1902-5; The Progressive Farmer, 1917-. (Diversified farming in the cotton-belt). —*b.* Magnolia, Miss., Jan. 28, 1875; *s.* J. D. and Luwinda (Fortenberry) A.; reared on farm; *m.* Mayme Simmons, Nov. 2, 1902; *c.* Ruth, Mildred, Lura, Percy Geo. B.Sc., Miss. A. & M. Coll., 1899.

Alger, Lois Martha, home dem. agt., White River Junction, Vt.

Asst. instr. home econ., Lyndon Inst., Lyndon Center, Vt., 1922-3; head dept., 1923-4; home dem. agt. Windsor Co., 1924-. —*b.* Stowe, Vt., Sept. 8, 1901; *d.* Wilmot Rueben and Caroline Lois (Tomlinson) A.; reared in village. B.S., Simmons Coll., 1922.

Allan, Kenneth T., teach. agr. and princ. jr. high-sch., Plainfield, Vt.

Asst. sec. and boys work dir., Y. M. C. A., Northampton, Mass., 1911-3; asst. dir. Govt. House, New York City, and student in govt. and sociol., New York Univ., 1913-5; teach. and exec. sec., Vt. State Sch. Agr., Randolph Center, 1917-8; co. club leader, Windsor Co., 1918-9; princ. Concord Jr. High-Sch., 1919-20; princ. Wallingford Jr.-Sr. High-Sch., 1920-3; present position, 1923-. —*b.* Providence, R. I., June 9, 1891; *s.* Thos. Thomson and Catherine Douglas (Nisbet) A.; reared in town; *m.* Marion Ellen Smith, June 28, 1921; *c.* Catherine Ellen. Student Cornell Univ., 1915-7.

Allbaugh, Leland Girard, asst. farm manag. dem., Ia. State Coll., Ames, Ia.

Ext. asst. prof. farm manag., Ia. State Coll., 1918-9; farmer, Humboldt Co.,

1920; agrl. agt. Carroll Co., 1921; present position, 1922-. —*b.* Leon, Ia., Oct. 6, 1896; *s.* W. A. and Laura (Gammon) A.; reared on farm; *m.* Cora E. Olson, Dec. 24, 1919; *c.* Robt. Dean. B.S., Ia. State Coll., 1919. Phi Kappa Phi; Gamma Sigma Delta; Lambda Chi Alpha.

Allen, Archibald Murray, co. ext. agt., Mound City, Mo.

Topographer, N. Pacific Ry., 1906-9; instr. short-course, Univ. Mo., 1910-1; farmer, Mo., 9 yrs.; agrl. agt. Union Co., Ky., 1918-21; Allen Co., 1922. —*b.* Fayette, Mo., Feb. 7, 1883; *s.* Edward Archibald and Priscilla (Armistead) A.; reared in town; *m.* Mary Murphy Devin, June 24, 1914; *c.* Mabel Joyce, Edward Archibald, Mary June, Alice. B.S., Univ. Mo., 1908. Sigma Alpha Epsilon.

Allen, Charles Moore, teach. voc. agr. and princ. high-sch., Neoga, Ill.

b. Indianapolis, Ind., July 22, 1900; *s.* Fiske and Olive (Moore) A.; reared in town; *m.* Madge Connor, 1924. B.S., Univ. Ill., 1923. Alpha Zeta.

Allen, Edwin West, chief Off. Exp. Stas., States Relations Serv., U. S. Dept. Agr., Washington, D. C.

Asst. chem., Mass. Exp. Sta., 1885-8; asst. Off. Exp. Stas., 1890-3; asst. dir., 1903-15; chief, 1915-. Exec. sec. Comn. on Country Life, 1908; mem. Nat. Res. Council, 1917-. Sec.-treas. Soc. for Promotion Agrl. Sci., 1910-4; sec. Sect. Agr., A. A. A. S., 1914-8; sec. com. on station organizing and policy, Assoc. Amer. Agrl. Colls. and Exp. Stas. Traveled in Europe. *Assoc. ed.*, Experiment Station Record, 1893-5; ed., 1895-1924; ed. for agr., New International Encyclopaedia, Nelson's Encyclopaedia. (Agrl. res. and administration). —*b.* Amherst, Mass., Oct. 28, 1864; *s.* Lysander H. and Mary M. (Bullard) A.; reared in town; *m.* Estelle S. Perkins, Apr. 2, 1890: *c.* Dorothy H. B.S., Mass. Agr. Coll., 1885; Ph.D., Univ. Goettingen, 1890. Phi Kappa Phi; Alpha Sigma Phi.

Allen, Frank Wisdom, asst. prof. pom., Univ. Calif., Berkeley, Calif.

Instr. hort., Ia. State Coll., 1910-3; instr. hort., Wash. State Coll., 1913-4; asst. hort., 1914-7; asst. hort., Bur. Markets, U. S. Dept. Agr., 1917-20; present position, 1920-. (Handling, storage and transportation of fruits). —*b.* Columbia, Mo., July 18, 1887; *s.* Frank W. and Floyd (Prather) A.; reared in town and on farm; *m.* Alma Leora Turner, July 18, 1911; *c.* Frank W., Floyd Turner. B.S.A., Univ. Mo., 1910; M.S., Ia. State Coll., 1913. Gamma Sigma Delta; Phi Kappa Phi.

Allen, Howard Bushnell, assoc. prof. agrl. educ., W. Va. Univ., Morgantown, W. Va.

High-sch. teach. voc. agr., Leroy, N. Y., 1914-6; Chazy, N. Y., 1916-7; Harford, Pa., 1917-8; asst. state leader jr. ext., Cornell Univ., 1918-20; asst. prof. agrl. educ., W. Va. Univ. and asst. state superv. voc. agr., 1920-3; head dept. agrl. educ., 1924-. —*b.* Buffalo, N. Y., Apr. 28, 1893; *s.* Daniel Williams and Anna M. (Moore) A.; reared in town; *m.* Charlotte Schermerhorn, Aug. 30, 1916; *c.* Daniel Williams, Eleanor, Louise, Pricilla, Geo. B.S., Cornell Univ., 1914; M.S., 1920.

Allen, Joseph Alexander, path. in chg. Canadian Govt. Fox Res. Sta., Charlottetown, P. E. I.

Milk insp., Health Dept., Toronto, Ont., 1911-6; prof. bact., milk hygiene and path., Ont. Vet Coll., 1919-20; an. path., Dominion Dept. Agr., 1916-. Vice-pres. Canadian Nat. Vet. Assoc.; vice-pres. Canadian Tech. Agrl. Assoc.; pres. P. E. I. Vet. Med. Assoc. *Auth.*: Fox Ranching in Canada, 1922. *Asst. ed.*, Canadian Veterinary Record. (Diseases and care of silver black foxes). —*b.* Belfast, Ireland, Jan. 9, 1886; *s.* John Allen and Sarah (Trotter) A.; reared in city and country; *m.* Alice Victoria Trotter, Apr. 12, 1912; *r* Willard, Phyllis, Grenville, Bertram B.V.Sc., Univ. Toronto, 1916.

Allen, Leo M., manag. Seneca Lake Fruit Growers Coop. Inc., Hector, N. Y.

Foreman, Heart's Delight Farm, Chazy, N. Y., 9 mos.; manag. Clover

Heights Farm, Pittsford, N. Y., 6 yrs.; formerly farm bur. manag., Saratoga and Niagara cos.; manag. N. Y. Canning Crops Coop. Assoc. Inc., 1924-5. —*b.* Hyde Park, Vt., Feb. 8, 1891; *s.* Geo. B. and Lona (Mower) A.; reared on farm; *m.* Grace M. Blake, June 25, 1914. Student short-course, Cornell Univ., 1910-1, 1911-2.

Allen, Leonard Eugene, co. agrl. agt., Plattsburg, N. Y.

Served in World War, 1917-8. (Fruit). —*b.* Conesus, N. Y., May 18, 1894; *s.* W. G. and Fannay May (Roberts) A.; reared on farm; *m.* Edna Adele Perry, Sept. 15, 1919; *c.* Eugene Gilbert. B.S., Cornell Univ., 1921.

Allen, Paul H., co. agrl. agt., Liberty, N. Y.

Special field asst. in chg. spray inform. serv., Genessee and Wyoming cos., 1924; manag. Sullivan Co. Farm Bur., 1924-. (Plant path.). —*b.* Point Breeze, N. Y., Nov. 16, 1901; *s.* Albert M. and Lucy (Broughton) A.; reared on farm. B.S., Mich. Agr. Coll., 1924.

Allen, Paul William, prof. and head dept. bact., Univ. Tenn., Knoxville, Tenn.

Dairy farmer, Cortland, N. Y., 1902-7; prof. chem., State Normal Sch., Indiana, Pa., 1911-2; assoc. bact., Univ. Ill., 1914-8; chg. corn products mfg. business, Cedar Rapids, Ia., Omaha, Neb., 1918-21; bact., Wash. Exp. Sta., 1922-3; present position, 1923-. —*b.* Harford N. Y., June 19, 1883; *s.* E. Davis and Helen M. A.; reared on farm and in village; *m.* Linda L. Utter, 1914; *c.* Louise Helen. B.S., St. Lawrence Univ., 1910; M.S., 1913; Ph.D., Univ. Ill., 1922. Sigma Xi; Alpha Tau Omega.

Allen, W. C., pub. The Dakota Farmer, Aberdeen, S. D., and Northwest Farmstead, Minneapolis, Minn.

b. Columbia Co., Wis., Aug. 11, 1869; *s.* Wm. C. and Sarah T. (Carr) A.; *m.* Arabella French, Feb. 1, 1896; *c.* Esther.

Allewelt, William Frederick, chief bur. fruit and veg. standardization, Calif. State Dept. Agr., and state superv. insp., U. S. Bur. Agrl. Econ., Sacramento, Calif.

Florist and farmer, Chevy Chase, Md., 1916-7; invest. marketing, U. S. Dept. Agr., 1917-9; chief potato insp. serv., Ida. State Dept. Agr., 1919-20; res. agt. marketing, U. S. Dept. Agr. and Colo. Agr. Exp. Sta., 1920-1; dir. markets, State of Colo., 1921-3; present position, 1923-. —*b.* Pittsburgh, Pa., May 29, 1890; *s.* David B. and Sarah D. (Mathews) A.; reared in city; *m.* Alta Jane Clapp, Sept. 2, 1914; *c.* Alta Jane, Betty Jean. B.S.A., Penn. State Coll., 1914.

Allison, Harry Orson, co. agrl. agt., Pontiac, Ill.

Instr. an. husb., Univ. Ill., 1906-10; asst. prof. an. husb., Univ. Mo., 1910-2; assoc. prof., 1912-9; present position, 1919-. Sec. Mo. Cattle, Swine, and Sheep Feeders Assoc. (Live-stock production and an. nutr.). —*b.* Alpha, Ill., Nov. 17, 1881; *s.* W. O. and Phylinda (Patterson) A.; reared on farm. B.S., Univ. Ill., 1906; M.S., 1912. Sigma Xi; Phi Sigma Kappa; Alpha Zeta; Gamma Alpha.

Allison, Inga Marie Katrine, prof. and head div. home econ., Colo. Agr. Coll., Fort Collins, Colo.

Assoc. prof. chem. and home econ., Lake Erie Coll., 1905-8; present position, 1908-. —*d.* John and Inga (Acker) A.; reared on farm. A.B., Univ. Chicago, 1905.

Allison, John Hampden, co. agrl. agt., Hardin, Ill.

Formerly co. agrl. agt., Council Bluffs, Ia. —*b.* Butler, Mo., Jan. 17, 1886; *s.* J. H. and Mattie (Roe) A.; reared on farm; *m.* Florence Badgley, July 12, 1917. B.S.A., Ia. State Coll., 1915.

Allison, John Howard, prof. for., Univ. Minn., University Farm, St. Paul, Minn.

Present position, 1913-. Worked for U. S. For. Serv. on forest working plans for Cocomio and Tusuyan Forests, Ariz., 1918-9. Studied for. in Sweden, Norway, Denmark under

Amer.-Scandinavian Foundation Scholarship, 1923-4. —*b.* E. Granby, Conn., Sept. 25, 1883; *s.* John A. and Mary E. (Mack) A.; reared on farm; *m.* Mabel A. Shepard, Sept. 6, 1911 (d. 1920); *c.* John H. Jr. Ph.B., Sheffield Sci. Sch., Yale, 1905; M.F., Yale For. Sch., 1906.

Allred, Charles Ernest, prof. agrl. econ. and farm econ. Exp. Sta., Univ. Tenn., Knoxville, Tenn.

With Off. Farm Manag., 1915; asst. specialist in agron. ext., Univ. Tenn., 1916-8; specialist in farm manag. ext., Univ. Tenn., 1918-9; present position, 1919-. (Farm tenancy). —*b.* Allred, Tenn., Apr. 5, 1887; *s.* Pierson Miller and Lee Anne (Looper) A.; reared on farm. B.S.A., Univ. Tenn., 1912; M.S.A., Cornell Univ., 1913. Sigma Phi Epsilon; Alpha Zeta; Acacia.

Allyn, Orr Milton, co. agrl. agt., Clinton, Ill.

Instr. farm crops and asst. in chg. crop exp. fields, Ill. Agr. Exp. Sta., 1912-7; farmer, Lewistown, Mont., 1917-. Sec. DeWitt Co. Nat. Farm Loan Assoc., DeWitt Co. Farmers Mutual Fire Insurance Co. —*b.* Modesto, Ill., Aug. 29, 1886; *s.* John Milton and Flora (Davidson) A.; reared on farm; *m.* Frances Gilkerson, June 12, 1911; *c.* Orr M. Jr., Portia, Eunice, Hiram. B. S. A., Univ. Ill., 1912. Sigma Xi; Alpha Zeta.

Almey, John Robert, ext. hort., Man. Agr. Coll., Winnipeg, Man.

Sec.-treas. Man. Hort. and For. Assoc. Served in Royal Air Forces, 1 yr. —*b.* England, Mar. 25, 1895; *s.* Arthur and Mary S. (Marchant) A.; reared on farm; *m.* Sadie P. Rogers, Aug. 12, 1918; *c.* Patricia May. B.S.A., Univ. Toronto, 1921.

Alps, Henry F., meteorologist, U. S. Weather Bur., Reno, Nev.

b. Quincy, Ill., May 17, 1875; *s.* John F. and Mary A. (Sherman) A.; reared on farm; *m.* Leota P. McKibben, Nov. 8, 1898; *c.* Ruth R., Marvel P. B.S., Colo. Agr. Coll., 1896.

Alsberg, Carl Lucas, biochem., dir. Food Res. Inst., Stanford Univ., Calif.

Asst. physiological chem., Harvard Univ., 1902-5; instr. biol. chem., 1905-8; chem. biol., Bur. Plant Ind., 1908-12; chief Bur. Chem., 1912-21; present position, 1921-; invest., U. S. Bur. Fisheries, 1906-8. Fellow A. A. A. S. Sec.-treas. Assoc. Official Agrl. Chems.; pres. Amer. Soc. Biol. Chem. (Biol. and food chem., pharmacology). —*b.* New York, N. Y., Apr. 2, 1877; *s.* Meinhard and Bertha (Baruch) A.; reared in city. A. B., Columbia Univ., 1896; A.M., 1900; M.D., 1900; studied Univ. Strassburg and Berlin, 1900-3.

Alsmeyer, Henry Louis, teach. voc. agr., high-sch., (Santa Rosa) La Feria, Tex.

Served in U. S. Army, 1917-9. —*b.* DeForest, Wis., July 15, 1894; *s.* E. C. and Frances (Lintner) A.; reared in town. B.S., Tex. A. & M. Coll., 1923.

Alsmeyer, Louis H., co. agrl. agt., San Benito, Tex.

Contr. ed., Valley Farmer and Citrus Grower. 2d Lieut. Inf., O. R. C. (Citrus fruits). —*b.* DeForrest, Wis., Mar. 21, 1897; *s.* Emanuel C. and Frances M. (Lintner) A.; reared on farm; *m.* Lottie I. Harvey, July 10, 1923. B.S., Tex. A. & M. Coll., 1921.

Alsop, Joseph Wright, farmer, Avon, Conn.

Trustee Conn. Agr. Coll.; mem. bd. control, Conn. Exp. Sta. Mem. Conn. House of Rep., 1907; Conn. Senate, 1909-11. Pres. New England Tobacco-Growers Assoc.; pres. Conn. Guernsey Cattle Club. Public utilities comnr. Tobacco and dairy farmer, 1901-. —*b.* Middletown, Conn., Apr. 2, 1876; *s.* Joseph Wright and Elizabeth Winthrop (Beach) A.; reared in country; *m.* Corinne Roosevelt Robinson, Nov. 5, 1909; *c.* Joseph Wright, Corinne Roosevelt, Stewart J. O., John O. Ph.B., Yale Univ., 1898; student Univ. Berlin, 1893-4. Delta Psi.

Alspaugh, Clyde Harrison, co. agrl. agt., Siloam Springs, Ark.

Agrst., Boys Ind. Sch., Waialee, Hawaii, 1911-3; voc. instr., Isl. of Kansi, 1913-5; prof. hort. and agron., distr. agrl. sch., Russellville, Ark., 1916-7;

asst. prof. hort., Grubbs Voc. Coll., Arlington, Tex., 1917-8; co. agrl. agt., El Dorado, Ark., 1918-9. Traveled in China and Japan. —*b.* Lincolnville, Kans., Nov. 25, 1888; *s.* N. Franklin and Mary E. (Sill) A.; reared on farm; *m.* Alice M. Taylor, June 27, 1918. B.S., Kans. State Agr. Coll., 1909. Gamma Sigma Delta.

Alter, Harry Meacham, teach. agr., high-sch., Fullerton, Calif.

Instr. agr., Los Angeles, 1923-4; present position, 1924-. (Hort.). —*b.* Richland, Ia., Nov. 9, 1902; *s.* E. R. and Mabel (Meacham) A.; reared in country; *m.* Evelyn White, June 21, 1923. B.S., Ore. Agr. Coll., 1913. Lambda Chi Alpha.

Alter, J. Cecil, meteorologist, U. S. Weather Bur., Salt Lake City, Utah.

In U. S. Weather Serv., 1902-; asst., govt. exhibit work, 1913-5; frost warning serv., Rogue River Valley, 1916; chg. Wyo. sect. Climatological Serv., 1916-7; present position, 1917-. —*b.* near Rensselaer, Ind., Mar. 31, 1879; *s.* John E. and Hattie (McColly) A.; reared on farm; *m.* Jennie Green, Jan., 1904; *c.* John Winston, Edward Irving, Marvin Scribner. Student Purdue Univ.

Altgelt, George Adolph, co. agrl. agt., El Paso, Tex.

Farmer, 2 yrs.; agrl. agt., Bandera Co., Tex., 1917-9; farm agt. Leon Valley Irrig. Co., Ft. Stockton. Sec. Bandera Co. Wool and Mohair Growers Assoc. —*b.* San Antonio, Tex., Apr. 12, 1889; *s.* Geo. C. and Bertha (Kalteyer) A.; reared in city and on farm; *m.* Eileen Willis, July 20, 1917; *c.* Geo. A. Jr. Student, Tex. A. & M. Coll.

Althouse, Samuel Leinbach, manag. ed. The Poultry Item, Sellersville, Pa.

Teach. sci., high-sch., Sellersville, 1921-2; Allegany Co. Acad., Cumberland, Md., 1922-3. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Sellersville, Pa., Oct. 12, 1899; *s.* Elmer Ellsworth and Margaret Grace (Leinbach) A.; reared in town. B.S., Cornell Univ., 1921.

Altman, Dennis Malone, teach. agr. and supt. Chowan High-Sch., Tyner, N. C.

Agrl. dir., Orangeburg schs., 1920-2; present position, 1923-. Organizer and dir. Chowan Purebred Seed and Livestock Assoc.; sec. Megee Chamber of Commerce. —*b.* Galivants Ferry, S. C., Jan. 4, 1897; *s.* Julius Albert and Nancy Catherine (Lewis) A.; reared on farm. B. S., Clemson Agr. Coll., 1920; M.S., Geo. Peabody Coll., 1925.

Alvord, Charles Hulbert, manag. agrl. bur., Chamber of Commerce, San Antonio, Tex.

Asst. agrst., Mich. Agr. Coll., 1897-9; asst. prof. agr., Tex. A. & M. Coll., 1899-1902; prof. and dean agr., 1906-11; supt. ext. farming, Taft Ranch, Corpus Christi, Tex., 1911-7; agrst. and field agt., States Relations Serv., U. S. Dept. Agr., 1917-9. —*b.* Camden, Mich., Oct. 16, 1872; *s.* Nathan Alonzo and Melinda (Landon) A.; reared on farm; *m.* Lotta L. Hicks, Oct. 28, 1896; *c.* Janet Carr, Inez Francis, Mina Cook, Chas. H. Jr. B.S., Mich. Agr. Coll., 1895; M.Agr., 1907. Phi Delta Theta.

Alway, Frederick James, chief div. soils, Univ. Minn., University Farm, St. Paul, Minn.

Prof. chem., Neb. Wesleyan Univ., 1898-1906; prof. agrl. chem., Univ. Neb., 1906-13; prof. soil chem. and chief div., Univ. Minn., 1913-. Fellow A. A. A. S. —*b.* Rockford, Canada, May 28, 1874 (naturalized 1911); *s.* Frederick and Rachel (Mason) A.; reared on farm; *m.* Eva Mary Cook, 1898; *c.* Erica, Lazelle, Lenore, Frederica, Robt. B.A., Toronto Univ., 1894; Ph.D., Heidelberg Univ., 1897. Sigma Xi; Alpha Zeta.

Alwood, William Bradford, fruit-grower and farmer, Old Dominion Orchard Co., Greenwood, Va.

Teach. country sch., 1879-81; supt. Ohio Exp. Sta., 1882-6; asst. ent., U. S. Dept. Agr., 1886-8; vice-dir. Va. Exp. Sta., 1888-1904; prof. hort., Va. Poly. Inst., 1891-1904; chg. invests. on fermentation of fruit-products, Bur. Chem., U. S. Dept. Agr., 1900-6; enological chem., 1907-14; chief enological lab. Del. to Intern. Congress on Agrl. Educ., Paris, 1900; Intern. Congress on Viticulture, France,

1907, 1911, 1914; Intern. Congress for Agr., 1911. Pres. Intern. Congress Viticulture, San Francisco, Calif., 1915. Decorated by French govt., Chevalier du Merite Agricole, Officer du Merite Agricole; gold medal, St. Louis, 1904; hon. memorial medal, San Francisco, 1914; Order of Agrl. Merit, Va. Poly. Inst., 1923. Fellow A. A. A. S. Mem. Société des Chemists Experts de France. —*b.* Delta, O., Aug. 11, 1859; *s.* D. W. and Anna E. (Brailey) A.; reared on farm; *m.* Seffie Gantz, Mar. 4, 1884; *c.* Hubert J., Helen Anna, Nellie Sarah, Mabel, Wm. B. Jr., Lewis G., Esther, Richard O. Special student, Ohio State Univ., 1882-5; Columbia Univ., 1886-7; Royal Pom. Sch., Germany, 1900-1; Inst. Pasteur, Paris, 1907.

Ambrose, Arthur Samuel, asst. prof. dairy mfg. and asst. chief in dairy mfg. Exp. Sta., Univ. Ill., Urbana, Ill.

Manag. Virden Creamery Co., Virden, Ill., 1914-5; asst. dairying, N. H. A. & M. Coll., 1915-6; assoc. prof. dairying, Miss. A. & M. Coll., 1916-9; assoc. dairy mfg., 1919-21; present position, 1921-. —*b.* Downers Grove, Ill., Feb. 24, 1889; *s.* Samuel L. and Helen (Todd) A.; reared on farm and in town; *m.* Clara Van Pragg, Sept. 22, 1913; *c.* Warren Arthur. B. S. A., Univ. Ill., 1914; M.S., 1922. Tau Kappa Epsilon; Gamma Sigma Delta.

Ambrose, Nathan Francis, teach. voc. agr. and supt. high-sch., Denmark, Ia.

Princ. and teach. sci., high-sch., Florence, Colo., 1913-8; teach. sci., Douglas Co. High-Sch., Castle Rock, 1918; teach. voc. agr., Roland, Ia., 1919-23; supt. cons. sch., McCallsburg, Ia., 1923-5. Pres. agrl. div., Ia. State Teach. Assoc.; pres. Ia. State Voc. Agrl. Teach. Club. —*b.* Conkling, Ky., Mar. 29, 1884; *s.* Barton Potter and Isabelle (Carmack) A.; reared on farm; *m.* Dora Lucile Hughes, Oct. 25, 1913; *c.* Francis Luther. B. A., Colo. Coll., 1912; M.S., Ia. State Coll., 1923.

Amburgey, Maryland, co. agrl. agt., Caruthersville, Mo.

b. Hindman, Ky., June 16, 1889; *s.* John Jesse and Lucy Jane A.; reared on farm; *m.* Julia H. Nichol, Nov. 29, 1918; *c.* Lyman Robt., Frances. B.S.A., Univ. Ky., 1916.

Amos, Harold Hardesty, instr. agr., high-sch., Sandstone, Minn.

Farm manag., N. H., 1911-2; poultry farmer, Mass., 1912-3; student asst. chem., Kans. State Agr. Coll., 1914-6; supt. poultry farm, 1917; present position, 1918-. (An. husb.). —*b.* Kans., June 14, 1884; *s.* M. S. and Laura (Hardesty) A.; reared on farm; *m.* Olive Belle Wright, Nov. 23, 1913; *c.* Wright, Max, Barbara Beth. B.S., Kans. State Agr. Coll., 1916.

Amundsen, Edward Otto, manag. growers serv. dept., Newcastle Fruit Growers Assoc., Newcastle, Calif.

Farmer, Minn., 1903-7; fruit-grower, Walla Walla Valley, Ore., 1907-8; agt. Placer Co., 1915-21; prof. hort., Univ. S. Africa, 1921-3; present position, 1924-. Mem. State Hort. Comn., 1911-2. —*b.* Chicago, Ill., July 20, 1884; *s.* O. and Anna (Staven) A.; reared in city and on farm; *m.* Ethel Jenkins; *c.* Jack Edward, Ethel Freda. B.S., Univ. Calif., 1912. Delta Sigma Phi; Alpha Zeta.

Amundson, Robert Andrew, co. agrl. agt., Appleton, Wis.

Instr. soils, Univ. Wis., July-Jan. 1917; farm manag., Rio, Wis., 3 yrs.; formerly co. agrl. agt., Oconto. (Land drainage). —*b.* Rio, Wis., Mar. 23, 1893; *s.* Halver and M. (Anderson) A.; reared on farm. Student Univ. Wis. Alpha Gamma Rho.

Anderson, Aaron Edward, field agt., U. S. Bur. Crop Estimates, Box 1284, Lincoln, Neb.

General farmer, 5 yrs. (Crop reports and statistics). —*b.* Eskridge, Kans., Mar. 1, 1887; *s.* J. P. and Olive (Smith) A.; reared on farm; *m.* Minnie D. Johnson, Mar. 3, 1915; *c.* L. E. and C. E. B.S., Kans. State Agr. Coll., 1911; B.S. in Agron., 1914.

Anderson, A. Crosby, special rep. Mich. Milk Producers Assoc., 707 Owen Bldg., Detroit, Mich.

Supt. schs., Smethport, Pa., 1890-1; supt. schs., Forestville, N. Y., 1891-1904; prof. dairy husb., Mich. Agr. Coll., 1908-20; manag. Freeman Dairy Co., Flint, Mich., 1920-3; present position, 1924-. Studied dairying one summer in Europe. —*b.* Ellington, N. Y., Aug. 19, 1865; *s.* Edwin and Katherine (Crosby) A.; reared on farm; *m.* Inez E. Shannon, June 28, 1894; *c.* 2 sons. B.S., Mich. Agr. Coll., 1906.

Anderson, Alvin Theodore, teach. agr., high-sch., Pontiac, Ill.

Farm manag., 1920-1; present position, 1921-. Pres. Ill. State Assoc. Agrl. Teach., 1922-3; originator "Fan-Mill", state publication for agrl. teach. 1st Lieut. Inf., Ill. Nat. Guard. —*b.* Herscher, Ill., July 30, 1893; *s.* Jacob and Helen (Larson) A.; reared on farm; *m.* Vera I. Clayton, Oct. 6, 1921. B.S.A., Univ. Ill., 1920. Delta Sigma Rho.

Anderson, Andrew Daniel, farmer, Sidney, Mont.

Teach. agr., bot., zool. and manual training, high-sch., Elbow Lake, Minn., 1911-2; co. agt., Glenwood, Minn., 1912-7; Sidney, Mont., 1917-20; Harlowton, 1923; superv. census, 1925. (Silos, live-stock, crops). —*b.* Solaro Dalarne, Sweden, Sept. 5, 1880; *s.* Daniel and Christina (Johnson) A.; reared on farm; *m.* Mazie Winifred Joy, July 11, 1913; *c.* Douglas Ross, Ardis Winifred. Student Univ. Minn., 2 terms.

Anderson, Arthur E., dir. ext., S. D. State Coll., Brookings, S. D.

State leader co. agt. work, Univ. Neb., 1912-7; asst. state leader co. agts., Ohio State Univ., 1917-8; assoc. state leader, 1918-22; marketing dir. Ohio Farm Bur. Fed., 1922-4; in dept. agrl. econ. and farm manag., Cornell Univ., 1924; present position, 1925-. —*b.* Wayne, Neb., Feb. 1886; *s.* A. G. and Ellen (Rosenberg) A.; reared on farm. A.B., Univ. Neb., 1912. Alpha Zeta.

Anderson, Arthur Laurence, assoc. prof. an. husb., Ia. State Coll., Ames, Ia.

Asst. vet. dept., Univ. Minn., 1916-7; instr. agr., high-sch., Fergus Falls, 1917-8; instr. an. husb., Univ. Minn., 1919-20; asst. prof. an. husb., Ia. State Coll., 1920-2; assoc. prof., 1922-. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Minneapolis, Minn., Nov. 5, 1893; *s.* Christian and Helga Maria (Anderson) A.; reared in city; *m.* Muriel Maude Hall, Sept. 2, 1917; *c* Muriel Marie, Jas. Hall, Phyliss Louise. B.S., Univ. Minn., 1916; M.S., Ia. State Coll., 1922. Acacia; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Anderson, Arthur von Krogh, assoc. prof. biol. chem., Penn. State Coll., State College, Pa.

Prof. chem., St. Olaf Coll., Northfield, Minn., 1916-8; instr. analytical chem., Univ. Minn., 1919-20; instr. agrl. biochem., 1920-3; present position, 1923-. 2d Lieut. Sanitary Corps, 1918-9; 1st Lieut., O. R. C. —*b.* Montevideo, Minn., Feb. 27, 1890; *s.* Abel and Mary (Olson) A.; reared in village; *m.* Edith Elizabeth Huntington, Dec. 27, 1923; *c.* Barbara Jane. B.S.A., Univ. Minn., 1913; M.S., 1915; Ph.D., 1923. Sigma Xi; Phi Lambda Upsilon; Gamma Sigma Delta; Gamma Alpha; Alpha Gamma Rho.

Anderson, Bruce, co. agrl. agt., Rustburg, Va.

Agrst., Patterson Sch., Legerwood, N. C., 1911-3; formerly co. agrl. agt., Winston-Salem, N. C. Organizer Campbell Co. Guernsey Bull Assoc.; originator N. C. Bee Club, 1914. —*b.* Chatham, Va., May 24, 1885; *s.* J. C. and Mary Jane (Smith) A.; reared on farm; *m.* Lillian R. Speas, Dec. 23, 1914; *c.* Bruce Jr., Lloyd, Speas, Donald. B.S., Va. Poly. Inst., 1907.

Anderson, Clarence Russell, assoc. prof. for. ext., Penn. State Coll., State College, Pa.

Instr. for., Penn. State Coll., 1914-6; asst. prof., 1916-9; assoc. prof., 1919-. (For. manag.). —*b.* Cecil Co., Md., July 23, 1885; *s.* Franklin Pierce and L. Margaret (McAllister) A.; reared on farm; *m.* Doll Jeannette Dupuis, Dec. 12, 1913; *c.* C. R. Jr., Robt. Dupuis. B.S., Dickinson Coll., 1908; M.F., Yale For. Sch., 1913. Phi Beta Kappa; Sigma Xi; Xi Sigma Pi; Theta Chi.

Anderson, Ernest William, field rep. S. D. Wheat Growers Assoc., Aberdeen, S. D.

Teach. rural schs., 1907-9; princ. graded sch., 1910-1; sec.-treas. Anderson Bros. & Co. farm, 1913-6; co. agrl. agt., Plentywood, Mont., 1916-20; present position, 1922-. (Agrl. econ.). —*b.* Sheldahl, Ia., Jan. 15, 1883; *s.* Per Gustaf and Annie Carrie (Johnson) A.; reared on farm. B.S.A., N.D. Agr. Coll., 1914.

Anderson, Frederick Irving, author, 663 Lexington Ave., New York, N. Y.

Mem. staff, N. Y. World, 1898-1908. *Auth.*: The Farmer of Tomorrow, 1913; Electricity for the Farm, 1915. Traveled in Europe and Cent. Amer. (Farm water power). —*b.* Aurora, Ill., Nov. 14, 1877; *s.* Andrew and Elizabeth (Adling) A.; reared in town; *m.* Emma Helen de Zouche, Mar. 23, 1908. Grad. Wharton Sch., Univ. Penn., 1899.

Anderson, Harry Warren, asst. prof. hort. path. and asst. chief pom. Exp. Sta., Univ. Ill., Urbana, Ill.

Teach. fellow, Vanderbilt Univ., 1907-8; instr. bot., Wabash Coll., 1908-10; grad. res. fellow, Shaw Grad. Sch. Bot., 1910-1; prof. bot., Wabash Coll., 1912-7; assoc. hort., 1917-8; present position, 1918-. —*b.* Ladoga, Ind., Oct. 14, 1885; *s.* W. L. and Ora (Johnson) A.; reared on farm; *m.* Elsie Osborne, 1913; *c.* Eleanor Grace, Philip Warren. A.B., Wabash Coll., 1907; Ph.D., Univ. Ill., 1917. Sigma Xi.

Anderson, John Columbus, co. agrl. agt., Raleigh, N. C.

Instr., Livingston Parish Agrl. High-Sch., La., 1916-7; agrl. agt., Copiah Co., Miss., 1917-8; salesman, Emerson-Brantingham Implement Co., 1920; agrl. agt. Wake Co., 1921-. In U. S. Navy, 1918-9. —*b.* Ellisville, Miss., Apr. 20, 1893; *s.* John T. and Minnie (Sanders) A.; reared in town and on farm. B.S., Miss. A. & M. Coll., 1915.

Anderson, Leroy, farmer, San Jose, Calif.

Asst. dairy ind., Cornell Univ., 1897-1900; instr. dairy ind., Univ. Calif., 1900-2; dir. Calif. Poly. Sch., San Luis Obispo, 1902-8; prof. agrl. practice, Univ. Calif., 1908-13; ext. lect. an. husb., Cornell Univ., winters 1915-9; fruit-grower, Calif., 1914-. Editorial contr., California Cultivator. (Coop. marketing, orchard manag.). —*b.* Magee, N. Y., Dec. 4, 1866; *s.* John and Miranda (Allen) A.; reared on farm; *m.* Isabel B. Godin, June 4, 1903. B.S., Cornell Univ., 1896; M.S.A., 1897; Ph.D., 1902. Sigma Xi.

Anderson, Milford Grady, teach. voc. agr., high-sch., Millport, Ala.

b. Mize, Miss., Mar. 6, 1900; *s.* Jeff Davis and Janie (Jones) A.; reared on farm; *m.* Thelma Clark, May 31, 1924. B.S., Miss. A. & M. Coll.

Anderson, Myron Sallee, sci., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Teach. chem., Penn. Coll., 1913-4; asst. chem., Ia. State Coll., 1916-7. General farming, Hamilton Co., Ia., 3 yrs. U. S. Chem. Warfare Serv., 1918. (Soil chem.). —*b.* Stanhope, Ia., Nov. 13, 1887; *s.* August and Frances (Sallee) A.; reared on farm; *m.* Ethel McGranahan, Nov. 14, 1917. A.B., Simpson Coll., 1913; M.S., Ia. State Coll., 1917; Ph.D., Geo. Washington Univ., 1922. Phi Kappa Phi; Phi Lambda Upsilon; Gamma Sigma Delta.

Anderson, Oren Haines, asst. manag. The Johnson Seed Farms, Stryker, O.

Farm manag., Tenn., 1916-7; agrl. adv., First Nat. Bank, Vincennes, Ind., 1917-9; agrl. agt. Paulding Co., O., 1919-23; present position, 1923-. (An. nutr.). —*b.* Lapel, Ind., Nov. 19, 1889; *s.* John Walker and Lida (Gibbs) A.; reared on farm; *m.* Rietta Grace Wright, Aug. 29, 1915; *c.* Shirley Louise, John Wilbur, Norma Jean. B.S.A., Purdue Univ., 1914; M.S.A., 1916. Sigma Xi; Alpha Zeta.

Anderson, Oscar Gustaf, prof. hort., Purdue Univ., LaFayette, Ind.

Instr. agr., high-sch., Sutton, Mass., 1913-4; instr. pom., Purdue Univ., 1914-7; asst. prof. hort., 1917-9; assoc. prof., 1919-20; prof., 1920-. (Pom.). —*b.* Gardner, Mass., Aug. 5, 1888; *s.* Gustaf and Emma (Swenson) A.; reared on farm. B.S., Mass. Agr. Coll., 1913. Kappa Sigma.

Anderson, Paul Johnson, plant path. in chg. tobacco substa. of Conn. Agr. Exp. Sta., Windsor, Conn.

Instr. bot., Mass. Agr. Coll., 1915; asst. prof., 1916; assoc. prof., 1916-20; assoc. plant path., Exp. Sta., 1916-20; prof. bot. and path. Exp. Sta., 1920-5; present position, 1925-. —*b.* Ladoga, Ind., Mar. 27, 1884; *s.* Wm. L. and Ora (Johnson) A.; reared on farm; *m.* Helen L. Fisherdick, July 18, 1917. A.B., Johnson Bible Coll., 1908; A.B., Wabash Coll., 1910; Ph.D., Cornell Univ., 1914. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Kappa Epsilon.

Anderson, Phillip Arthur, asst. prof. an. husb., Univ. Minn., University Farm, St. Paul, Minn.

Instr. an. husb., Univ. Minn., 1915-7; asst. prof., 1917-. Sec.-treas. Minn. Sheep Breeders Assoc.; supt. of sheep, Minn. State Fair. (Meats and sheep). —*b.* St. Paul, Minn., May 1, 1890; *s.* Wm. and Augusta A.; reared on farm; *m.* Venise L. Leonard, Aug. 1918. B.S.A., Univ. Minn., 1914. Acacia.

Anderson, Raymond, teach. agr., high-sch., Highgate Center, Vt.

Instr. poultry, St. Lawrence Sch. Agr., 1914-5; princ. and teach. agr., high-sch., Jeffersonville, N. Y., 1916-8; teach. agr., high-sch., Mayville, 1918; present position, 1919-. Served in U. S. Army, 1918. —*b.* Jeffersonville, N. Y., Feb. 10, 1889; *s.* E. J. and Julia (Layton) A.; reared on farm; *m.* Marion Kingsley, Aug. 22, 1917. Grad. St. Lawrence Univ., 1914.

Anderson, Rudolph J., chem., N. Y. State Exp. Sta., Geneva, N. Y.

Assoc. chem., N. Y. State Exp. Sta., 1911-; chief in res. biochem., 1919-. In U. S. Army, 1918-9. (Organic phosphorus compounds in cereals, grape pigments and plant sterols). —*b.* Harna, Sweden, Sept. 13, 1879 (naturalized 1914); *s.* Anders and Johanna (Johanson) A.; reared on farm. B.S., Tulane Univ., New Orleans, 1906; Ph.D., Cornell Univ., 1919.

Anderson, Sydney, pres. Millers Nat. Fed., Washington, D. C.

Member of Congress, 1911-25; chm. Joint Comn. of Agrl. Inquiry, U. S. Congress, 1921-2; chm., Nat. Agrl. Conference, Washington, Jan. 1922; chm., Nat. Wheat Conference, Chicago, June 1923; pres. Wheat Council of U. S., Chicago, 1923-4. Served in Spanish-Amer. War. *Auth.*: Agricultural Crisis and its Causes, 1921; Credit, 1921; Transportation, 1921; Marketing and Distribution, 1921. (Agrl. econ.). —*b.* Zumbrota, Minn., Sept. 17, 1882; *s.* Chas. B. and Anna K. (Strand) A.; reared in town; *m.* Florence Belle Douglas, June 16, 1901; *c.* Sydney Jr., Derrice E., Alan. Student Univ. Minn., 1901-2.

Anderson, Walfred Albin, assoc. prof. and chm. dept. sociol. and hist., N. C. State Coll., Raleigh, N. C.

Instr. econ. and sociol., N. C. State Coll., 1922-3; asst. prof., 1923-4; present position, 1924-. (Rural sociol.). —*b.* Kansas City, Mo., Nov. 26, 1892; *s.* Andrew J. and Anna (Rosenlof) A.; reared in city; *m.* Ruth Adele Skold, Nov. 29, 1917 (*d.*); *c.* Ruth Elizabeth, Norma Jane. Grad. Garrett Theol. Sem., 1917; B.S., Ia. State Coll., 1921; M.S., 1922. Phi Kappa Phi; Gamma Sigma Delta.

Anderson, Walter Sewell, prof. genetics, Univ. Ky., Lexington, Ky.

Princ. Alleghany Collegiate Inst., Alderson, W. Va., 1896-1903; prof. chem., Ky. Wesleyan Coll., 1903-13; present position, 1913-. (An. breeding). —*b.* Academy, W. Va., Sept. 18, 1867; *s.* John Mason and Nancy (Williams) A.; reared on farm; *m.* Lester C. Hogsett, June 19, 1901; *c.* Walter Southall, Lindson Pryor, Lester Gayle. M.A., Randolph-Macon Coll., 1896.

Andrews, Edgar Lewis, assoc. prof. poultry husb., W. Va. Univ., Morgantown, W. Va.

Princ. high-sch., 1898-1910; poultry farmer, 1910-3; present position, 1914-. —*b.* N. Y., Nov. 14, 1865; *s.* Joel E. and Sarah Frances (Spicer) A.; reared on farm; *m.* Ethel Anna Fitzgerald, June 1899; *c.* Dorothy, Helen Frances, Frances Spicer, Ethel Geraldine, B.S.A., Cornell Univ., 1898; M.S., 1924.

Andrews, Frank, agrl. statistician, U. S. Dept. Agr., Salt Lake City, Utah.

Lect. on transportation, Geo. Washington Univ., 1916-7; live-stock statistician, U. S. Dept. Agr., Denver, 1922-4; agrl. statistician, Salt Lake City, 1924-. Mem. U. S. Crop Reporting Bd., 1914-21. —*b.* New Albany, Ind., June 25, 1872; *s.* Robt. and Virginia Cayce (Robertson) A.; *m.* Josephine Davis, Aug. 24, 1898; *c.* Herbert Edmund, Joseph Robert, Richard Allen. A.B., Johns Hopkins Univ., 1893.

Andrews, Henry Wilson, co. agrl. agt., Sparta, Tenn.

Farmer, Tenn., 15 yrs. Sec.-treas. Linwood Lamb Club. —*b.* Watertown, Tenn., Sept. 24, 1885; *s.* M. J. and Ida (Turner) A.; reared on farm; *m.* Iona Gilliam, Feb. 22, 1917; *c.* Geo. Wilson. Peabody Coll., 1908; Cumberland Univ., 1912.

Andrews, Lina Maud, home dem. agt., Madill, Okla.

Instr. home econ., high-sch., Idabel, Okla., 1916; emergency home dem. agt., Fairview, 1917; present position, 1918-. —*b.* Elba, Ia., Oct. 4, 1877; *d.* Samuel Lynga and Mary Elizabeth (Dunn) A.; reared on farm. B.S., Okla. A. & M. Coll., 1915.

Andrews, Myron Eugene, prof. agrl. econ., Okla. A. & M. Coll., Stillwater, Okla.

Agrst. Connors State Sch. Agr., Warner, Okla., 1916-7; assoc. prof. agrl. econ., Miss. A. & M. Coll., 1919-23; temporary field agt. in marketing, U. S. Dept. Agr., 1922; present position, 1923-. Served in A. E. F. —*b.* Geary Co., Kans., June 1, 1894; *s.* Samuel L. and Mary Elizabeth (Dunn) A.; reared on farm. B.S.A., Okla. A. & M. Coll., 1916; M.S., Ia. State Coll., 1920.

Andrews, Walter Edwin, ed. Western Fruit, Flowers and Garden, 1632 Seventh Ave., Seattle, Wash.

Assoc. ed. The Farm Journal, Philadelphia, 1905-18; sr. mem. Howard E. Andrews & Co., lands. designers and planters, 1918-22. Fruit farmer, Mich., 12 yrs. *Auth.*: The Orchard Book, 1906; The Garden Book, 1908; Shall I Farm, 1910.—*b.* Cleveland, O., Jan. 31, 1866; *s.* Theo. A. and Marie L. (Provost) A.; *m.* Flora A. Stevens, May 31, 1888; *c.* Grace A., Howard E.

Anspon, Berthold Winfried, supt. Ft. Lincoln Cemetery, Washington, D.C.

Greenhouse work, J. B. Heiss Co., Dayton, O., 1905-6; lands. dept., Nat. Cash Register Co., Dayton, Mar.-Sept. 1906; asst. prof. hort., Miss. A. & M. Coll., 1910-2; assoc. prof. flor. and lands. gard., Md. Agr. Coll., 1912-8; supt. Granogue Farms Inc., Del., 1919-22; gardener, E. B. McLean, Washington, 1922-3; present position, 1923-. (Lands. gard.).—*b.* Dayton, O., Dec. 13, 1886; *s.* John B. and Olga N. (Shaffenacker) A.; reared in city; *m.* Emma Bascomb Davis, Nov. 11, 1915; *c.* Harry Davis, Bert. W. Jr. B.S., Ohio State Univ. Gamma Phi; Alpha Pi Upsilon.

Anthony, Ernest Lee, prof. dairy husb., W. Va. Univ., Morgantown, W. Va.

Asst. dairy husb., Penn. State Coll., 1912-4; instr., 1914-6; prof., 1916-8; assoc. prof., 1918; present position, 1919-. *Auth.*: Dairy Laboratory Manual, 1914. —*b.* Comstock, Neb., Sept. 6, 1888; *s.* Homer G. and Anna Elizabeth (Shoush) A.; reared on farm; *m.* Goldie R. Swift, Aug. 7, 1914; *c.* Helen Louise. B.S., Univ. Mo., 1912; M.S., Penn. State Coll., 1914. Gamma Sigma Delta.

Anthony, Roy David, prof. res. pom., Penn. State Coll., State College, Pa.

Asst. and instr. pom., Cornell Univ., 1910-3; assoc. hort., N. Y. Agr. Exp. Sta., Geneva, 1913-9; present position, 1919-. (Plant-breeding, pruning, fertilization). —*b.* Rochester, N. Y., Apr. 2, 1884; *s.* Daniel M. and Charlotte R. (Finch) A.; reared in city; *m.* Marian Salisbury, Aug. 8, 1911; *c.* David Salisbury. B.S., Univ. Rochester, 1908; B.S.A., Cornell Univ., 1910; M.S.A., 1913; Ph.D., 1920. Phi Beta Kappa; Sigma Xi; Psi Upsilon; Gamma Alpha; Alpha Zeta.

Anthony, William Gibbeny, poultryman, Smyrna, Del.

b. near Smyrna, Del., Nov. 21, 1877; *s.* Jas. Wallace and Mary (Barker) A.; reared on farm; *m.* Eba Cloke Wilds, Dec. 9, 1915; *c.* Jas. Wolcott. Grad. Goldeys Business Coll., Columbia Sch. of Poultry Cult.; student, Cornell Univ., Mass. Agr. Coll.

App, Frank, dir. organization, Federated Fruit and Veg. Growers Inc., 90 West St., New York, N. Y.

Asst. agron., Penn. State Coll., 1911-2; asst. prof. agron., N. H. A. & M. Coll., 1912-3; chief div. agron. and agrl. econ., Rutgers Coll. and N. J. Exp. Sta., 1915; farm specialist, 1917-8; assoc. ed. Journal Farm Economics, 1919-23. Sec.-treas. N. J. Alfalfa Assoc.; exec. sec. N. J. Fed. Co. Bds. of Agr., 1920-3; sec.-treas. Jersey Fruit Growers Assoc., 1922-3; sec.-treas. Atlantic Coast Poultry Producers Assoc., 1920-1; mem. exec. com. Amer. Farm Bur. Fed., 1922-3; agrl. rep., Republican Nat. Comm., 1924. *Auth.*: The Farmer and His Farm, Farm Economics, Management and Distribution; contr. to Book of Rural Life. —*b.* Buffalo Roads, Union Co., Pa., Jan. 26, 1886; *s.* E. S. and Sarah (Miller) A.; reared on farm. B. S., Penn. State Coll., 1911; Ph. D., Cornell Univ., 1919. Sigma Xi; Alpha Gamma Rho; Phi Kappa Phi; Lambda Chi Alpha.

Appleman, Charles Orville, prof. plant physiol. and biochem. and dean grad. sch., Univ. Md., College Park, Md.

Prof. biol., Lombard Coll., Ill., 1904-8; plant physiologist, Md. Exp. Sta., 1910-; present position, 1919-. Chm. physiological sect., Bot. Soc. Amer., 1920-; biochem. sect. Amer. Chem. Soc. Fellow A. A. A. S.; mem. Wash. Acad. Sci. —*b.* Millville, Pa., Dec. 6, 1878; *s.* Emanuel L. and Elizabeth Jane (Gallispie) A.; reared on farm; *m.* Emma Frances Reeme, 1904; *c.* Katherine Reeme. Ph.B., Dickinson Coll., 1903; Ph.D., Chicago Univ., 1910. Phi Delta Theta.

Appleton, Francis Henry, agrst., 251 Marlborough St., Boston, Mass.

Mem. Mass. House of Rep., 1891-2; Senate, 1902-3; del. to Republican Nat. Conv., 1892. Mem. Mass. Bd. Agr., 1891-1907; pres. Mass. Hort. Soc., 1895-1900; pres. New England Agrl. Soc., 1895-1907; pres. Amer. For. Assoc.,. 1897-8; pres. Boston Poultry Assoc., 1900-8; pres. Essex Co. Agrl. Soc., 1892-5; vice-pres. Essex Co. Poultry Assoc., 1875-90; sec. Bay State Agrl. Soc., 1889; trustee Mass. Agr. Coll., 1890-6; 1st. vice-pres. and librarian, Mass. Soc. for Promoting Agr. Pres. Perkins Inst. and Mass. Sch. for Blind, 1898; pres. Peabody Inst., 1885-8; pres. Republican Club of Mass., 1905-6; dir. Boston Mfg. Co., 1875-1901; dir. New England Nat. Bank, 1896-1906. Served in Mass. Volunteer Militia and Mass. Nat. Guard, 1870-; retired with rank of Major-General; Commissary General of Mass. during Spanish-Amer. War. —*b.* Boston, Mass., June 17, 1847; *s.* Francis Henry and Georgiana Crowninshild (Silsbee) A.; *m.* Fannie Rollins Tappan, June 2, 1874; 2d Mary Spencer Tappan, Nov. 6, 1907; *c.* Francis H. Jr., Marian, Amy Silsbee, Henry Saltonstall.

Arceneaux, George, co. agrl. agt., Houma, La.

Princ. high-sch., Youngsville, La., 1918-22. Served in Naval Aviation, World War. —*b.* Lafayette, La., Mar. 8, 1895; *s.* E. B. and Aline (Martin) A.; reared on farm; *m.* Louise Austin, Apr. 7, 1923. B.S., Peabody Coll. for Teachers, 1918.

Archibald, Edgar S., dir. Dominion Expl. Farms, Cent. Expl. Farm, Ottawa, Ont.

Prof. agr., N. S. Agr. Coll., 1909-12; Dominion an. husb., 1912-9; present position, 1919-. —*b.* Yarmouth, N. S., May 12, 1885; *s.* E. E. and Mary (Spinney) A.; reared on farm; *m.* L. Louise Moorman, Dec. 16, 1913. B.A., Acadia Univ., Wolfville, N. S., 1905; B.S.A., Toronto Univ., 1908.

Archibald, George Grassie, manag. ed. The Farmers' Guide, Gardenvale, Que.

Instr. high-sch., New Glasgow, 1902-4; Colchester Acad., Truro, N. S., 1905, 1908-12; ed. Colchester Sun, 1906-8; present position, 1920-. Lieut.-Col. Canadian Army, 1914-9. Traveled in England and Scotland, 1912-4. —*b.* Truro, N. S., May 10, 1877; *s.* Wm. Field and Eleanor Elizabeth (Clark) A.; reared

on farm; *m.* Myrtie Darling Caldwell, Aug. 16, 1905; *c.* Wm. Field, Margaret Mary. B.A., Queens Coll., 1903.

Archibald, Lauren Sinclair, teach. voc. agr., high-sch., Bridgeton, N. J.

Manag. high-sch. boys farm camp, Far Hills, N. J., summer 1917; club leader Cumberland Co., N. J., 1919; teach. voc. agr., Bridgeton, 1919-; head sci. dept., 1924-. Sec.-treas. Agrl. Teach. Assoc. of N. J. 1st Lieut. U. S. Army, 1917-8. —*b.* Bovina, N. Y., Oct. 17, 1893; *s.* Thos. A. and Annie I. (Thomson) A.; reared on farm; *m.* Mary P. Voorhees, Sept. 28, 1918; *c.* Wm. Thos., John Lauren, Robt. Voorhees. B.S., Rutgers Coll., 1917.

Archibald, Robert Murray, presiding elder of rural district, Methodist Conference, Birmingham, Ala.

Special attention to development of religious, educ., social and econ. interests of rural communities. —*b.* Pickens Co., Ala., Jan. 28, 1869; *s.* Robt. W. and Salena (Herndon) A.; reared on farm; *m.* Loula Freiley, June 22, 1893; *c.* Miriam, Julia Belle, Lambuth, Elizabeth.

Argood, Roy Thomas, head poultry dept., Norfolk Co. Agrl. Sch., Walpole, Mass.

Instr. and manag. poultry and fruit, State Sch., Flint, Mich., 1915; Mooseheart Voc. Sch., Ill., 1916; poultry manag., Emmons Farms, Oneonta, N. Y., 1917-8; head poultry dept., State Sch. Agr., Morrisville, N. Y., 1918; present position, 1919-. —*b.* Purdys, N.Y., Feb. 9, 1894; *s.* Thos. and Daisy (Young) A.; reared in country; *m.* Loretta P. Turner, Dec. 9, 1915; *c.* Ethel, Alice, Robt. Roy. Student Cornell Univ., winter, 1913-4; Boston Univ., 1921; Harvard Univ., 1922, 1924.

Armsby, Henry Prentiss, dir. Inst. An. Nutr., Penn. State Coll., State College, Pa.; Sept. 21, 1853-Oct. 19, 1921. See Rus 1920.

Armstrong, James F., co. agrl. agt., Seat Pleasant, Md.

Teach. public schs., 1896; bookkeeper and cashier for H. J. Loveless, Montgomery, Ala., 1896-1900; superv. negro schs. of Prince George's Co., Md., 1914-7; agrl. agt., 1917-. —*b.* Ala., Feb. 10, 1870; *s.* Harrison S. and Emma L. (Hambrick) A. (col.); reared on farm; *m.* Ada L. Lowry, May 18, 1894; *c.* Jas. A., Emma L., Gladys A., O'Donald, Otway. Grad. State Normal Sch., Montgomery, Ala., 1891; LL.B., Howard Univ., 1903.

Armstrong, M. D., ext. hort., Wash. State Coll., Pullman, Wash.

Asst. ext. specialist hort., Wash. State Coll., 1922-3; ext. hort., 1923-. —*b.* Crofton, Neb., Sept. 15, 1888; *s.* Chas. D. and Hattie (Bly) A.; reared on farm; *m.* Margaret Lee MacDonald. B.S., Wash. State Coll.

Arndt, Paul William, dir. dept. voc. agr., high-sch., Murphysboro, Ill.

State ed., Ill. Agrl. Teachers Assoc. Journal; originator state egg-laying contest. Served in World War. —*b.* Chester, Ill., Aug. 5, 1894; *s.* Paul A.; reared in city and on farm. B.S.A., Univ. Ill., 1917. Phi Delta Kappa.

Arner, George Byron Louis, agrl. statistician, U. S. Dept. Agr., Washington, D. C.

Instr. econ., Princeton Univ., 1908-9; Dartmouth Coll., 1909-11; statistician, O. State Bd. Health, 1914-6; Rockefeller Foundation, 1916-7; S. D. McComb & Co., 1917-8; budget statistician, War Camp Community Serv., 1918-20; res. work in study of N. Y. City land values, 1920-2; present position, 1922-. *Auth.*: Consanguineous Marriages in the American Population, 1908; (with John Spargo) Elements of Socialism, 1912. (Foreign markets for agrl. products). —*b.* Jefferson, O., Oct. 5, 1883; *s.* Alfred Louis and Orissa (Udall) A.; reared in village; *m.* Laura C. Perry, June 29, 1918; *c.* Frederic Bates. B.L., Baldwin Wallace Coll., 1904; A.M., Columbia Univ., 1906; Ph.D., 1908.

Arnett, Ralph Edward, co. agrl. agt., Pekin, Ill.

Formerly co. agrl. agt., Danville, Ind. (An. husb., an. nutr.). —*b.* New Rich-

mond, Ind., Dec. 12, 1891; *s.* Albert J. and Elizabeth (McBroom) A.; reared on farm; *m.* Miriam E. Hostetler, June 25, 1918. B.S.A., Purdue Univ., 1914; M.S., Ia. State Coll., 1917. Alpha Gamma Rho; Alpha Zeta; Sigma Delta Chi; Phi Kappa Phi; Gamma Sigma Delta.

Arnold, Carl R., asst. prof. rural econ., Ohio State Univ., Columbus, O.

Served in Chem. Warfare Serv., World War. —*b.* Dayton, Ore., Apr. 7, 1891; *s.* W. L. and Rebecca C. (Eisele) A.; reared on farm; *m.* Florence Clarke, Feb. 23, 1918; *c.* Robt. Glen. B.S., Ohio State Univ., 1920. Alpha Zeta.

Arnold, Jacob Hiram, agrst., Off. Farm Manag., U. S. Dept. Agr., Washington, D. C.; June 8, 1864-July 12, 1921. See Rus 1920.

Arnquist, Josephine, in chg. girls club work, Ia. State Coll., Ames, Ia.

In chg. home econ. in grade schs., Yakima, Wash.; chg. foods dept., Cheney Normal, Wash. Rep. U. S. in girls club work in Canada, 1922, England and France, 1923. —*b.* New Richmond, Wis.; *d.* Nels and Catherine (Johnson) A.; reared on farm and in town. B.S., Wash. State Coll., 1919. Kappa Kappa Gamma; Omicron Nu.

Arny, Albert Cedric, assoc. agron. in chg. farm crops, Univ. Minn., University Farm, St. Paul, Minn.

Asst. prof. agron., Univ. Minn., 1909-14; present position, 1914-. —*b.* Newport, Minn., Nov. 4, 1877; *s.* Ferdinand and Katrina (Anderson) A.; reared on farm; *m.* Mary K. Hummel, Sept. 5, 1905; *c.* Dorothy W., Frederick P., Deane C. B.S., Univ. Minn., 1909; M.S., 1917. Sigma Xi; Alpha Zeta.

Arrendale, John Virgil, co. agrl. agt., Franklin, N. C.

Princ. Ind. Sch., Rabun Gap, Ga., 1905-6; teach, sci. and mech., 10th Distr. Agrl. Sch., Sparta, Ga., 1908-9; expert farmer, Hayward Indian Sch., Hayward, Wis., 1911; agt. Rabun Co., Ga., 1917-22; Macon Co., N. C., 1923-. Farm operator. —*b.* Tiger, Ga., Nov. 13, 1879; *s.* Martin L. and Margaret (Smith) A.; reared on farm; *m.* Tallulah Edwards, June 7, 1906; *c.* Clyde, John Virgil Jr., Ruth, Joe. B. S. A., Univ. Ga., 1905.

Arthur, Joseph Charles, prof. bot. emeritus, Purdue Univ., LaFayette, Ind.

Instr. bot., Univ. Wis., 1879-81; Univ. Minn., 1882; bot., N. Y. Exp. Sta., Geneva, 1884-7; prof. bot., Purdue Univ., 1887; prof. veg. physiol. and path. and bot. Exp. Sta., 1888-1915; prof. emeritus, 1915-. Fellow A. A. A. S. Pres. Bot. Soc. Amer., 1902, 1920; pres. Ind. Acad. Sci., 1889. *Auth.*: (with Barnes and Coulter) Handbook of Plant Dissection, 1886; (with MacDougal) Living Plants and Their Properties, 1898; Uredinales in N. Amer. Flora. —*b.* Lowville, N. Y., Jan. 11, 1850; *s.* Chas. and Ann (Allen) A.; *m.* Emily Stiles Potter, June 12, 1901. B.S., Ia. State Coll., 1872; M.S., 1877; Sc.D., Cornell Univ., 1886, Ia. State Coll., 1920; LL.D., Univ. Ia., 1916.

Ashby, Robert C., assoc. ed., James J. Doty Pub. Co., Chicago, Ill.

Asst. prof. an. husb., Univ. Minn.; adj. prof. an. husb., Univ. Neb., 1909-10; supt. farmers insts., Wash. State Coll., 1910-3; prof. an. husb., 1912-4; field sec. Amer. Poland-China Record Assoc. (Swine husb.). —*b.* Indianola, Ia., Oct. 10, 1882; *s.* A. C. and Elizabeth (Childers) A.; reared on farm; *m.* Marguerite A. Waldorf, Nov. 26, 1910. B.S.A., Univ. Neb., 1908; A.B., Neb. Wesleyan Univ., 1910; M.S., Univ. Minn., 1915. Phi Delta Theta; Alpha Zeta.

Asmundson, Vigfus Samundar, asst. prof. poultry husb., Univ. B.C., Vancouver, B. C.

Voc. instr., Dominion Soldier Re-establishment, Univ. B. C., 1920; asst. prof. poultry husb., 1921-. —*b.* Reykjavik, Iceland, Sept. 24, 1895; reared on farm. B.S.A., Univ. Sask., 1918; M.S.A., Cornell Univ., 1920.

Atkerson, John H., co. agrl. agt., Greensburg, Ky.

Instr. agron., Univ. Ky., 1922-3. Served U. S. Navy, 1917-8. (Agron.). —*b.* Salmons, Ky., June 13, 1896; *s.* Feel and Kathrine (Thompson) A.; reared on farm. B.S.A., Univ. Ky., 1922. Phi Kappa Tau; Alpha Zeta.

Atkeson, Mary Meek, magazine writer on country life subjects, 1831 Lamont St., N. W., Washington, D. C.

Auth.: The Cross Roads Meeting House, 1918; A Study of the Literature of the Upper Ohio Valley, 1920; A Study of the Literature of West Virginia, 1922; The Good Old Days, a rural pageant, 1922; Don't, 1922; The Will, 1922; The Woman on the Farm, 1924. —*b.* Buffalo, W. Va.; *d.* Thos. Clark and Cordelia (Meek) A. A.B., W. Va. Univ., 1910; A.M., 1913; Ph.D., Ohio State Univ., 1919.

Atkeson, Thomas Clark, legislative rep. Nat. Grange, 630 Louisiana Ave., Washington, D. C.

Prof. agr., W. Va. Univ., 1891-3; pres. Morris Harvey Coll., 1893-7; prof. agr. and dean Coll. Agr., W. Va. Univ., 1897-1911; prof. an. husb., 1911-4; prof. emeritus, 1914-. Mem. W. Va. State Bd. Agr., 14 yrs.; master W. Va. State Grange, 24 yrs.; overseer Nat. Grange, 8 yrs.; mem. exec. com., Nat. Grange, 6 yrs. *Auth.*: Bookkeeping for Farmers, 1892; A Catechism of Agriculture, 1910; Semi Centennial History of the Patrons of Husbandry, 1916. —*b.* Buffalo, W. Va., Feb. 15, 1852; *s.* Thos. and Virginia Harris (Brown) A.; reared on farm; *m.* Cordelia Meek, July 8, 1878; *c.* Thos. Zephaniah, Karl Clark, Mary Meek, Leda Cordelia. LL.B., Univ. Ky., 1874; Ph.D., Morris Harvey Coll., 1897.

Atkins, Hardin Louis, co. agrl. agt., Colorado, Tex.

Field asst., U. S. Dept. Agr., 1921; sugar-cane grower, Porto Rico, 1922-3; agrl. agt. Mitchell Co., Tex., 1924-. 2d Lieut. Inf., O. R. C. —*b.* Asheville, N. C., Nov. 7, 1898; *s.* Hardin L. and Elizabeth (Whitaker) A.; reared on farm. B.S., Tex. A. & M. Coll., 1922.

Atkins, Lloyd Chester, instr. agr., high-sch., Reed City, Mich.

Field invest. in cost of market milk production, 1918-9. (Dairying). —*b.* Charleston, Mich., May 27, 1896; *s.* Albert J. and Hattie (Snow) A.; reared on farm; *m.* Carrie Etheridge Byrd, Sept. 18, 1919; *c.* Lenore Caroline. B. S., Mich. Agr. Coll., 1922. Phi Sigma.

Atkinson, Alfred, pres. Mont. State Coll., Bozeman, Mont.

Asst. agron., Ia. State Coll., 1902-4; prof. agron., Mont. State Coll., 1904-19; pres., 1919-. Fed. Food Adminis. for Mont., 1917. Vice-pres. Amer. Soc. Agron., 1915. Farm operator, 1907-13. —*b.* Seaforth, Ont., Oct. 6, 1879 (naturalized 1911); *s.* Joseph and Isabella (Burns) A.; reared on farm; *m.* Barbara Miller, June 13, 1906. Assoc. diploma, Ont. Agr. Coll., 1901; B.S.A., Ia. State Coll., 1904; M.S., Cornell Univ., 1912; D.Sc., Ia. State Coll., 1920. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

Atkinson, Davis Watson, co. agrl. agt., Media, Pa.

Farmer, 1913-6; agt. Delaware Co., 1916-. —*b.* Wrightstown, Pa., July 15, 1891; *s.* Edward and Clara A. (Krusen) A.; reared on farm and in town; *m.* Rachel Styer Conrad, May 23, 1914; *c.* Davis W. Jr., Horace Conrad. B.S.A., Penn. State Coll., 1913. Alpha Zeta; Phi Kappa Phi.

Atkinson, Wilmer, ed. emeritus, Farm Journal, Philadelphia, Pa.; June 13, 1840-May 10, 1920. See Rus 1920.

Atwater, Charles Edwin, co. agrl. agt., Traverse City, Mich.

Co. agrl. agt., Gladwin, Mich., 1918-22; Traverse City, 1922-4, 1925-. —*b.* Ganges, Mich., Jan. 30, 1889; *s.* Edwin Hollis and Emma Nettie (Mack) A.; reared on farm; *m.* Naomia Ella Goodwin, Aug. 10, 1911 (d. 1918); 2d Muriel Mildred Dey, June 21, 1920; *c.* Lela Avis, Chas. Winfield. B.S., Mich. Agr. Coll., 1918.

Atwater, E. Francis, apiarist, Meridian, Ida.

Formerly special field agt. in beekeeping, U. S. Dept. Agr. in Calif.,

Ariz., N. Mex. Vice-pres. and dir. S. Ida. and E. Ore. Honey Producers Assoc.; former dir. Nat. Bee Keepers Assoc. —*b.* Decatur, Neb., Jan. 18, 1881; *s.* Geo. E. and Mary Eva (Forbes) A.; reared in town and country; *m.* Fay Gwendolyn Nesbitt, Feb. 14, 1911; *c.* Fay Marguerite.

Atwater, Helen Woodard, ed. Journal of Home Economics, 617 Mills Bldg., Washington, D. C.

Editorial asst. to Prof. W. O. Atwater, 1898-1903; on sci. staff, Off. Home Econ., U. S. Dept. Agr., 1909-23. Exec. chm. dept. food production and home econ., Women's Com., Council Nat. Defense. —*b.* Somerville, Mass., May 29, 1876; *d.* Wilbur Olin and Marcia (Woodard) A.; reared in town. B.L., Smith Coll., 1897.

Atwood, George Gray, dir. Bur. Plant Ind., Dept. Farm and Markets, Albany, N. Y.

Commercial nurseryman, 35 yrs. Vice-pres. N. Y. State For. Assoc. —*b.* Springfield, Mass., Mar. 2, 1847; *s.* Wm. and Mary (Smith) A.; reared in country; *m.* Eliza Chester, Sept. 2, 1869; *c.* Bertha, Anna Thomas, Chas., Theodora, Ruth Haynes, Fredericka, Georgiana. B.Sc., Syracuse Univ., 1914.

Atwood, Guy Hollis, instr. voc. agr., high-sch., Pine River, Minn.

Instr. agr., Fosston, Minn., 1916-8; co. agt. Todd Co., 1919-20; present position, 1920-. Farmer, LeRaysville, Pa., 3 yrs. 2d Lieut. Inf., 10 mos. —*b.* LeRaysville, Pa., May 23, 1889; *s.* Henry H. and Alice (Bosworth) A.; reared on farm. B.S.A., Ia. State Coll., 1916.

Atwood, Horace, res. poultryman, W. Va. Exp. Sta., Morgantown, W. Va.

Instr. agr., Pratt Inst., 1892; asst. agrst., W. Va. Exp. Sta., 1897-1913; poultryman, 1913-. Mem. exec. com., Intern. Assoc. Instrs. and Invests. in Poultry Husb.; formerly pres. Amer. Assoc. Instrs. and Invests. in Poultry Husb. —*b.* Summerhill, N. Y., Aug. 1, 1868; *s.* Calvin and Emeline (Lick) A.; reared on farm; *m.* Susan Davies; *c.* Dorothy, Norman, Geo., Susan, Barbara, Hilda, Horace Jr. B.S.A., Cornell Univ., 1891; M.S.A., 1897.

Atwood, Lee Alonzo, teach. voc. agr. and princ. high-sch., New Albany, Pa.

Ext. dept., Ia. State Coll., 1913. —*b.* Orwell, Pa., July 5, 1897; *s.* Hollis and Alice B. A.; reared on farm. B.S., Ia. State Coll., 1923.

Atwood, Rufus Ballard, dir. agr., Prairie View State Coll., Prairie View, Tex.

Farmer, Medley, Mo., 1915; florist, Des Moines, Ia., 1922; present position, 1923-. Sergeant, Field Signal Battalion, World War; citation in General Orders for bravery in France. —*b.* Hickman, Ky., Mar. 15, 1897; *s.* Rufus King and Annie (Parker) A. (col.); reared in town; *m.* Mabel Campbell, June 28, 1921. A.B., Fisk Univ., 1920; B.S.A., Ia. State Coll., 1923. Alpha Phi Alpha.

Aubel, Cliff Errett, asst. prof. an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Lieut., Field Art., World War. —*b.* Sharon, Pa., Dec. 10, 1890; *s.* W. H. and Clara E. A.; reared on farm and in city; *m.* Dora Otto, June 16, 1920; *c.* Joann Marie. B.S., Penn. State Coll., 1915; M.S., Kans. State Agr. Coll., 1917. Sigma Nu; Gamma Sigma Delta; Alpha Zeta.

Auchter, Eugene Curtis, head dept. hort., Univ. Md. and hort. Exp. Sta., College Park, Md.

Asst. in pom. (short-course), Cornell Univ., 1911; instr. hort., W. Va. Univ., and asst. hort. Exp. Sta., 1912-4; asst. prof., 1914-7; assoc. prof., 1917-8; present position, 1918-. (Pom. invests.). —*b.* Elmgrove, N. Y., Sept. 14, 1889; *s.* Wm. D. and Florence Monroe (Curtis) A.; reared on farm; *m.* Catherine Elizabeth Beaumont, Aug. 25, 1914. B.S.A., Cornell Univ., 1912; M.S.A., 1918; Ph.D., 1923. Sigma Xi; Phi Kappa Phi; Alpha Zeta.

Augustine, Archie M., nurseryman and hort., Normal, Ill.

Sec. Cent. Ill. Hort. Soc., 1894-5, pres., 1909-11; sec. Ill. State Hort. Soc.,

1913-22; pres. Ill. State Nurserymens Assoc. Traveled in S. Amer., 4 yrs.; Mex., 1 yr., Europe. —*b.* Pontiac, Ill., Nov. 10, 1869; *s.* Henry and Margaret E. (Gapen) A.; reared in town; *m.* Belle C. Marsh, 1895; *c.* Frances M., Areta M.

Auld, Francis Hedley, deputy Minister of Agr., Regina, Sask.

Dir. agrl. ext., Univ. Sask., 1910-2; sec. Mooney Seed Co., 1912-4. Vice-pres. W. Canada Live Stock Union. (Agrl. administration).—*b.* Cove Head, P. E. I., June 14, 1881; *s.* David Higgins and Elizabeth (Cairns) A.; reared on farm; *m.* Lily Smith, July 5, 1911; *c.* David Gordon, Walter Murray, Frank Mantle. Grad. Prince of Wales Coll., 1899.

Aull, William Barre, assoc. prof. bact., Clemson Agr. Coll., Clemson College, S. C.

Princ. Pendleton high-sch., 1908-9; seed analyst, S. C. State Dept. Agr., 1910-1; asst. bot., Clemson Agr. Coll., 1912-5; asst. prof. bact., 1915-7; assoc. prof., 1917-. —*b.* Newberry, S. C., Mar. 24, 1887; *s.* Wm. Benj. and Mary E. (Barre) A.; reared on farm and small town. B.S., Clemson Agr. Coll., 1907; student Univ. Va., 1909-10.

Aune, Raymond, co. agrl. agt., Becker, Minn.

Princ. and dir. agr., State Agrl. High-Sch., Velva, N. D., 1922-4; agrl. agt., Sherburne Co., Minn., 1924-. Served in U. S. Army, 1918. (An. and dairy husb.). —*b.* Starbuck, Minn., Apr. 15, 1900; *s.* Martin and Emma (Larson) A.; reared on farm. B.S., Univ. Minn., 1921; M.S., 1922. Alpha Gamma Rho.

Ausen, Julius, co. agrl. agt., Rochester, Minn.

Farming to 1913; dairy ext. work, 1913-. —*b.* Mondovi, Wis., Apr. 2, 1891; *s.* John and Marie A.; reared on farm; *m.* Ethel Stackman, Oct. 4, 1916; *c.* Anna Marjorie, Doris Marie. Grad. Dunn Co. Sch. Agr., Menomonie, Wis., 1911.

Aust, Franz A., assoc. prof. lands. design, Univ. Wis., Madison, Wis.

Asst. lands. design., Univ. Mich., 1912-3; instr., Univ. Ill., 1913-5; present position, 1915-. (Farm planning, rural community center planning). —*b.* Defiance, O., May, 1885; *s.* August and Hermina (Herolz) A.; *m.* Mabel A. Armstrong, Aug. 26, 1914; *c.* Alden Franz, Lucile Bernice. B. A., Univ. Minn., 1908; M.S., 1910; M.L.D., Univ. Mich., 1922. Tau Delta Sigma; Phi Delta Kappa.

Austin, Chester M., co. agrl. agt., Fonda, N. Y.

Teach. high-sch., Grand Rapids and Annandale, Minn. —*b.* Pittsford, N.Y., May 7, 1885; *s.* Chester F. and Mary Louise (Salter) A.; reared in town and on farm; *m.* Florence Louise O'Neil, Oct. 6, 1917; *c.* Roger O'Neil, Stuart O'Neil. B.S., Cornell Univ., 1913. Phi Phi Delta.

Austin, William Lane, chief statistician for agr., cotton, tobacco, Bur. Census, Washington, D. C.

Statistician, census of plantations, 1910; chief clerk of census, 1913-7; statistician, 1917-. —*b.* Miss., Jan. 25, 1871; *s.* R. P. and Sue D. (Lane) A.; reared on farm and in village; *m.* D. Campbell, Dec. 29, 1903. Ph.B., Univ. Miss., 1897; LL.B., 1898. Phi Kappa Psi.

Avery, George True, assoc. prof. educ. and psychology, Colo. Agr. Coll., Ft. Collins, Colo.

Head. dept. English, high-sch., Greeley, Colo., 1915-7; acting assoc. prof. psychology, Univ. Colo., summer 1916-7; asst. prof. educ. and psychology, Colo. Agr. Coll., 1917-9; assoc. prof. and dir. summer session, 1919-; acting prof. psychology, San Jose Teach. Coll., 1923-4. Mem. educ. council Colo. State Teach. Assoc., 1920-. (Rural educ.). —*b.* Georgetown, Colo., Apr. 17, 1880; *s.* Geo. W. and Cleora E. (Smith) A.; reared in village; *m.* Wilma C. Ellsworth, 1907; *c.* Wilma Lanore, Geo. E. B. A., Univ. Colo., 1915; A. M., Harvard Univ., 1917; Ph.D., Stanford Univ., 1924. Sigma Xi; Phi Delta Kappa; Tau Psi Epsilon.

Avery, Herman W., farmer, Wakefield, Kans.

Mem. Kans. Senate, 1909-11; mem. State Bd. Agr., State Fair Bd., exec. com., State Farm Bur. —*b.* Wakefield, Kans., May 26, 1870; *s.* Henry and Orpha (Farnman) A.; reared on farm; m. Hattie Coffman, June 1, 1898; *c.* Margaret, Herbert W., Wm. H. B.Sc., Kans. State Agr. Coll., 1891. Phi Kappa Phi.

Axtell, H. I., co. agrl. agt., Carroll, Ia.

Manag. live-stock farm, Strawberry Point, Ia., 3 yrs.; instr. voc. agr., 1923. —*b.* Strawberry Point, Ia., Feb. 15, 1898; *s.* H. A. and Leah M. (Lamphier) A.; reared on farm. B.S., Ia. State Coll., 1922. Alpha Zeta.

Ayres, Quincy Claude, assoc. prof. agrl. engin., Ia. State Coll., Ames, Ia.

Instr., Univ. Miss., summer 1912; asst. prof. civil engin., 1919-20; asst. prof. agrl. engin., Ia. State Coll., 1920-1; assoc. prof., 1921-. Sec. drainage sect., Ia. Engin. Soc. Ist Lieut. Engin. Corps, U. S. Army, 1917-9. (Land reclamation). —*b.* Columbus, Miss., May 30, 1891; *s.* Claude Hutchins and Sarah (Whitfield) A.; reared in city; *m.* Mary H. Herron, Aug. 18, 1917. B.S., B.E., Univ. Miss., 1912; C.E., 1920. Kappa Alpha.

Ayres, Thomas Lawrence, asst. prof. agrl. educ., Clemson Agr. Coll., Clemson College, S. C.

Teach. voc. agr., high-sch., Dillon, S. C., 1919-24; present position, 1924-. Sergeant Inf., U. S. Army, 1918-9. —*b.* Horry Co., S. C., Aug. 10, 1895; *s.* S. J. and Elizabeth (Williamson) A.; reared on farm; *m.* Sara Augusta Soverino, Aug. 25, 1920; *c.* Thos. L. Jr. B.S., Clemson Agr. Coll., 1918.

B

Baade, Hermann Joseph, co. agrl. agt., Napa, Calif.

Princ. Wynnewood, Okla., high-sch., 1910-1; instr. sci., Sweet Grass Co. high-sch., 1911-2; instr. sci. and math., San Diego Army and Navy Acad., 1912-3; teacher sci. and agr., Napa high-sch., 1913-4; Napa Co. farm adv. and co. agt., 1914-. —*b.* Tulare, S. D., Sept. 5, 1887; *s.* Heinrich and Henrietta (Kuhlmann) B.; reared on farm; *m.* Carrie H. Tissin; *c.* Robt. Tissin. B.S., Okla. A. & M. Coll., 1910; grad. work, Univ. Calif.

Babcock, Clarence J., asst. market milk specialist, Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Sergeant Chem. Warfare Serv., 1918. —*b.* Brunswick, O., July 18, 1894; *s.* Joseph E. and Alma E. (McCreery) B.; reared on farm; *m.* Elsie M. Macduff, July 20, 1921. B.S.A., Ohio State Univ., 1916.

Babcock, Ernest B., prof. genetics, Univ. Calif., Berkeley, Calif.

Instr. agr., Los Angeles State Normal Sch., 1906-7; instr. plant path., Univ. Calif., 1907-8; asst. prof., 1908-10; asst. prof. agrl. educ., 1910-3; prof. genetics, 1913-. *Auth.*: Genetics in Relation to Agriculture, 1918 (with Clausen). (Plant genetics, Crepis). —*b.* Edgerton, Wis., July 10, 1877; *s.* Emilius W. and Mary E. (Brown) B.; reared in small town; *m.* Georgia Bowen, June 24, 1908. B.S., Univ. Calif., 1906; M.S., 1911. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Sigma.

Babcock, Frank Ray, farmer, Dow, N. D.

Chg. cereal invest., Substa. Farm, Williston, N. D., 1908-17; co. agrl. agt., Crosby, N. D., 1917-21. —*b.* Hastings, Mich., Feb. 28, 1882; *s.* Alva De Wayne and Alice Mary (Powers) B.; reared on farm; *m.* Gracia Loverna Kelsey, Nov. 10, 1910. B.S.A., N. D. Agr. Coll., 1908.

Babcock, Howard Edward, general manag. Coop. Grange League Fed. Exchange, Inc., Ithaca, N. Y.

Teach. agr., Albion high-sch., 1911-2; teach. biol., Elmira high-sch., 1912-3; agrl. agt., Cattaraugus Co., 1913-4; agrl. agt., Tompkins Co., 1914-5; asst. farm bur. dir., 1915-7; dir., 1917-20; prof. marketing, Cornell Univ., 1920-2; present position, 1922-. Dir. Bur. Food Conservation, State Food Comn., 1917-; mem. N. Y. State Council Farms and Markets; pres. State Agrl. Soc.; chm. N. Y. State Coop. Council. Fed. farm

help specialist for U. S. Dept. Agr. Sec. N. Y. State Fed. of Farm Bur. Assocs. (Rural organizations). —*b.* Gilbertsville, N. Y., Feb. 23, 1889; *s.* Howard W. and Mary E. (Donahue) B.; reared on farm; *m.* Hilda W. Butler, Oct. 23, 1913; *c.* Howard E. Jr. B.S., Syracuse Univ., 1911. Delta Chi.

Babcock, Seth, farmer, and princ. community high-sch., Rombauer, Mo.

Farmer, Kans., 1904-9; prof. agr., Atchinson Co. High-Sch., Kans., 1910-1; prof. agr., Southeast Mo. State Teachers Coll., 1911-8; co. agrl. agt., Cape Girardeau, Mo., 1918-21; sch. gardening and agr., Pittsburg, Kans., 1921-4; present position, 1924-.—*b.* Iowa Co., Ia., Nov. 29, 1876; *s.* F. E. and Lily M. (Davis) B.; reared on farm; *m.* Minnie Reno, Apr. 1, 1901; *c* Fern, Dale, Glen, Cecil, Keith. A.B., Kans. Univ., 1901; student Kans. State Agr. Coll., 1909-10.

Babcock, Stephen Moulton, prof. agrl. chem. emeritus, Univ. Wis., Madison, Wis.

Instr. chem., Cornell Univ., 1875-7, 1881-2; chem., N.Y. Exp. Sta., Geneva, 1882-8; prof. agrl. chem., Univ. Wis., 1888-1913; emeritus, 1913-; chief chem., Wis. Exp. Sta., 1888-1913; asst. dir., 1901-13. Fellow A. A. A. S. Developed the "Babcock test" for butter-fat. —*b.* Bridgewater, N. Y., Oct. 22, 1843; *s.* Peleg B. and Cornelia (Scott) B.; *m.* May Crandall, Oct. 27, 1896. A.B., Tufts Coll., 1866; Ph.D., Univ. Goettingen, 1879; LL.D., Tufts Coll., 1901; Sc.D., Univ. Wis., 1917.

Bach, Walter Johnston, jr. path., Bur. Plant Ind., U. S. Dept. Agr., Box 1058, Orlando, Fla.

With Bur. Plant Ind., 1922-. (Fruit disease invests.). —*b.* Spokane, Wash., Apr. 22, 1899; *s.* Peter and Mary (Johnston) B.; reared on farm; *m.* Anna Elizabeth Hunt, Aug. 20, 1924. B.S., Wash. State Coll., 1921; M.S., 1922; Lackland fellow, Mo. Bot. Garden, 1924-5. Sigma Xi; Phi Sigma.

Bachtell, Myron Ansel, assoc. farm manag., Ohio Agr. Exp. Sta., Wooster, O.

Prof. ext. serv. in soil fert., Ohio State Univ., 1911-21; agrl. agt. Wayne Co., 1921-4; present position, 1925-. —*b.* Medina, O., Dec. 23, 1886; *s.* Samuel and Melva M. (Bowen) B.; reared on farm. B.S.A., Ohio State Univ., 1911. Alpha Zeta.

Back, Ernest Adna, ent. in chg. stored product and household insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Deputy nursery insp., Mass., 1902-6; with Gipsy Moth Comn., summers 1905-6; instr. ent., short-course, Mass. Agr. Coll., 1905-6; instr. bot., Mass. Agr. Coll., 1906-7; invest. citrus white flies in Fla., U. S. Bur. Ent., 1907-10; state ent., plant path. Va. Crop Pest Comn., ent. Va. Exp. Sta., 1910-2; field chg. invests. Mediterranean fruit-fly and melon fly in Hawaiian Isls., U. S. Bur. Ent., 1912-6; present position, 1916-. Fellow, A. A. A. S. Traveled in Cuba, Mex., Hawaii, Spain. (Asilidae). —*b.* Northampton, Mass., Oct. 7, 1880; *s.* Adna and Mary Elizabeth (Young) B.; reared in town; *m.* Clara Winifred Newcomb, Sept. 27, 1919; *c.* David Newcomb, Richard Chapell. B. Sc., Mass. Agr. Coll., 1904; Ph.D., 1907. Phi Kappa Phi; Alpha Sigma Phi.

Baer, Arthur Christopher, prof. dairy husb., Okla. A. & M. Coll., Stillwater, Okla.

Asst. dairy dept., Univ. Wis., 1911-2; instr., 1912-6; present position, 1918-. (Researches in ice-cream manufacture and market milk).—*b.* Washington Co., Wis., Feb. 4, 1884; *s.* Nicholas and Helena (Bauer) B.; reared on farm; *m.* Anna Riesch, Nov. 20, 1911 (d. 1912); 2d, Flora M. Brandenburg, Sept. 19, 1914; *c.* Virginia Myrtle. B.S.A., Univ. Wis., 1911. Alpha Zeta.

Baerg, William J., prof. ent. and ent. Exp. Sta., Univ. Ark., Fayetteville, Ark.

b. Hillsboro, Kans., Sept. 24, 1885; *s.* John and Margareta (Hildebrand) B.; reared on farm. A.B., Univ. Kans., 1915; Ph.D., Cornell Univ., 1922. Sigma Xi.; Gamma Alpha.

Bagley, Dudley Warren, farmer, Moyock, N. C.

Farmer and seed-grower, 1914-. Vice-pres. Currituck Bank; mem. Currituck Co. Highway Comn. 2d Lieut. U. S. Army, 1917-8. (Plant-breeding). —*b.* Moyock, N. C., Apr. 18, 1889; *s.* Raleigh Old and Eva Berryman (Dudley) B.; reared on farm; *m.* Ida Frost Bray, Sept. 10, 1917. Student Trinity Coll., Durham, N. C., 2 yrs.; Univ. Va., 1 yr. Kappa Alpha.

Bahlke, William A., lawyer, farmer, banker, Alma, Mich.

Farmer, 1861-. Pres. Alma State Savings Bank; mayor Alma, 2 terms; postmaster, 4 yrs. —*b.* Pewamo, Mich., July 4, 1861; *s.* Anton and Mary (Hundt) B.; reared on farm; *m.* Mary E. Carpenter, Oct. 7, 1891. B.S., Mich. Agr. Coll., 1883.

Baie, Emma A., assoc. prof. and superv. home econ., Univ. N. H., Durham, N.H.

Teach. N. Tex. State Teach. Coll., Denton, 1916-21; present position, 1921-. Pres. N. H. State Home Econ. Assoc., 1923-4. —*b.* State Center, Ia., Nov. 11, 1889; *d.* Frederick and Johanna (Hartwig) B.; reared on farm. B.S., Ia. State Coll., 1916; M.A., Columbia Univ., 1925.

Bailey, Clyde H., prof. agrl. biochem., Univ. Minn., University Farm, St. Paul, Minn.

Analyst, Howard Wheat and Flour Testing Lab., Minneapolis, 1905-7; asst. in grain standardization, U. S. Dept. Agr., 1907-11; present position, 1911-. Chem., Minn. State Grain Insp. Dept., 1916-7; Bakery Div. rep., Minn. Food Adminis., 1918; dir. Minn. State Expl. Flour Mills, 1921-4. Fellow A. A. A. S.; chm. agrl. and food div., Amer. Chem. Soc., 1923-5. *Ed.,* Cereal Chemistry. (Chem. and technology of cereal production, milling and baking). —*b.* Minneapolis, Minn., Apr. 15, 1887; *s.* Geo. W. and Sophie A. (McKenney) B.; *m.* Annie L. Wilkins, June 20, 1910; *c.* Barbara Anne. B.S., N. D. Agr. Coll., 1913; M.S., Univ. Minn., 1916; Ph.D., Univ. Md., 1921. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Phi Lambda Upsilon.

Bailey, Dwight Luther, head dept. agr. and supt. high-sch., Harbor Springs, Mich.

Lieut. Field Art., U. S. Army, 1918. —*b.* Crystal, Mich., Mar. 23, 1893; *s.* Levi P. and Ella F. (Spalding) B.; reared on farm; *m.* Lulu M. Noll, June 14, 1919; *c.* Robt. Jas., Helen Louise. Grad. Cent. Mich. Normal Sch., 1916.

Bailey, Elbert Gladstone, co. agrl. agt., Sturgeon Bay, Wis.

Farm manag., Mass., 4 yrs.; farmer, Va., 3 yrs., Princ. Dan River High-Sch., 1918-9; instr. agr., Halifax Co. Agrl. High-Sch., Turbeville, Va., 1919-20; agrl. agt. Door Co., Wis., 1920-. —*b.* Boltonville, Wis., Feb. 12, 1892; *s.* Wm. H. and Frances (Hedding) B.; reared on farm; *m.* Margaret A. Steinle, June 20, 1912; *c.* Francis Steinle, Ruth Wilson. B.S.A., Univ. Wis., 1912. Kappa Phi Gamma; Alpha Zeta.

Bailey, Harold Leslie, ent. in chg. insect suppression, Vt. Dept. Agr., Bradford, Vt.

Present position, 1913-; control of gypsy and brown-tail moths, seed certification project. —*b.* Newbury, Mass., May 6, 1886; *s.* Chas. O. and Elizabeth T. (Brickett) B.; reared in village; *m.* Alice M. Bartlett, 1909; *c.* C. Brickett, Elizabeth B., Ursula A. A.B., Tufts Coll., 1908. Sigma Tau Alpha.

Bailey, Harvey Clarke, co. agrl. agt., Morgantown, W. Va.

Teach. rural sch., 3 yrs.; princ. high-sch., 5 yrs. 1st Lieut. Inf., World War. (Poultry). —*b.* Glenville, W. Va., July 19, 1886; *s.* W. C. and Nancy Elen (Woodford) B.; reared on farm; *m.* Bettie Dunbar, Apr. 24, 1924; *c.* Mary Virginia. B. S. A., W. Va. Univ., 1921.

Bailey, Ilena May, asst. in div. econ. studies, Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Teach. rural schs., Riley Co., Kans., 1900-6, 1907-8; chg. inst. work for farm women, Mo. State Bd. Agr., 1909-11; field work in farm home manag., Univ. Mo., 1911-2; in chg. farm home manag. studies, Off. Farm Manag., U. S. Dept. Agr., 1912-5; asst. in chg. home-manag.

studies, Off. Home Econ., 1915-6, 1917-24; home dem. agt., St. Joseph Co., Mich., 1916-7; present position, 1924-. —*b.* Manhattan, Kans., Feb. 21, 1882; *d.* Clarence De Witt and Hattie (King) B.; reared on farm and in town. B.S.A., Univ. Mo., 1912.

Bailey, Karl Deanor, teach. agr., high-sch., Holly, Mich.

Teach. agr., Holly, 1921-; princ. schs., 1924-. Served in U. S. Navy, 1918-9. —*b.* Mt. Vernon, S. D., Aug. 21, 1896; *s.* Ray Everest and Blanche (Moss) B.; reared on farm; *m.* Eva Canfield, June 22, 1921. B.S., Mich. Agr. Coll., 1921. Alpha Zeta.

Bailey, Liberty Hyde, auth. and ed., Ithaca, N. Y.

Prof. hort. and lands. gard., Mich. Agr. Coll., 1885-8; prof. hort., Cornell Univ., 1888-1903; dean and dir. Coll. Agr., 1903-13. Awarded Veitchian Medal, Royal Hort. Soc., 1898; chm. Roosevelt Comn. on Country Life, 1908. Fellow A. A. A. S., and Amer. Acad. Arts and Sci.; mem. Amer. Phil. Soc., and Nat. Acad. Sci.; hon. mem. Royal Hort. Soc. London, Hort. Soc. Norway, Japan Agrl. Soc., Hort. Soc. Japan; corresponding mem. Royal Acad. Agr. of Turin, Italy. *Auth.*: Annals of Horticulture, 1889-93 (5 vols.); Plant-Breeding, 1895, rev. 5th ed. by A. W. Gilbert, 1915; Survival of the Unlike, 1896; Forcing-Book, 1897; Principles of Fruit-Growing, 1897, rev. 20th ed. 1915; Principles of Agriculture, 1898; Evolution of Our Native Fruits, 1898; Lessons with Plants, 1898; First Lessons with Plants, 1898; Botany, An Elementary Text for Schools, 1900; Practical Garden-Book, 1900 (with C. E. Hunn); Principles of Vegetable-Gardening, 1901; The Nature-Study Idea, 1903, rev. 3d ed. 1909; Outlook to Nature, 1905, rev. 1911; The State and the Farmer, 1908; The Training of Farmers, 1909; Beginners' Botany, 1909; Manual of Gardening, 1910 (founded on Garden-Making, first pub. in 1898); Farm and Garden Rule-Book, 1911 (founded on The Horticulturist's Rule-Book, first pub. in 1889); The Country-Life Movement, 1911; York State Rural Problems, I, 1913, II, 1915; The Holy Earth, 1915; Pruning-Manual, 1916 (being 18th ed. of Pruning-Book, first pub. 1898); Nursery-Manual, 1920 (being the 22nd ed. of the Nursery-Book, first pub. in 1891); Wind and Weather (verse), 1916; Universal Service, 1918; Rus 1918, 1920, 1925; What is Democracy? 1918; The Apple-Tree, 1922; The Seven Stars, 1923; Manual of Cultivated Plants (systematic botany), 1924; The Gardener, 1925; and others. *Ed.*, American Garden, 1890-93; first ed. Country Life in America, 1901-3; Cyclopedia of American Horticulture, 4 vols.; Cyclopedia of American Agriculture, 4 vols.; Standard Cyclopedia of Horticulture, 6 vols.; Rural Science Series; Rural Text-Book Series; Rural Manual Series; Rural State and Province Series; Open Country Series; and others. (Systematic bot.). —*b.* S. Haven, Mich., Mar. 15, 1858; *s.* Liberty Hyde and Sarah (Harrison) B.; reared on farm; *m.* Annette Smith, June 6, 1883; *c.* Sara May, Ethel Zoe. B.S., Mich. Agr. Coll., 1882; M.S., 1886; LL.D., Univ. Wis., 1907; Alfred Univ., 1908; Litt.D., Univ. Vt., 1919. Sigma Xi; Phi Beta Kappa; Pi Alpha Xi; Phi Delta Theta.

Bailey, Marion Virgil, ext. specialist in soils, Ohio State Univ., Columbus, O.

Agrl. agt. Hocking Co., O., 1920-2; Fairfield Co., 1923-4; present position, 1924-. Served in Tank Corps, 1918-9. —*b.* Lockington, O., Oct. 21, 1892; *s.* Henry P. and Cynthia Ann (Green) B.; reared on farm; *m.* Helen M. McKinney, June 16, 1921; *c.* John McKinney. B.S.A., Ohio State Univ., 1918. Alpha Zeta.

Bailey, Richmond Young, co. agrl. agt., Wedowee, Ala.

Agrl. agt. Marengo Co., Ala., 1917; Tallapoosa Co., 1919-20; instr. agron., Ala. Poly. Inst., 1920; instr. hort., A. & M. Inst., Greensboro, Ala., 1920-2; nursery insp. for Ala., 1922-3; agt. Randolph Co., 1923-. 2d Lieut. Inf., 1918-9; instr. agron., A. E. F. Univ., Beaune, France, Apr.—June 1919. (Agron.). —*b.* Wadley, Ala., Nov. 15, 1893; *s.* Chas. and Lenora (Ponder) B.; reared on farm; *m.* Aurine Denney. Nov. 27, 1919. B.S., Ala. Poly. Inst.,

1916. Phi Kappa Phi; Gamma Sigma Delta.

Bain, Jesse Burdette, assoc. market milk specialist, U. S. Dept. Agr., Washington, D. C.

Instr. an. husb., Cornell Univ., 1913-4. —*b.* Kennedy, N. Y., Mar. 27, 1882; *s.* Alonzo and Arvilla E. (Morse) B.; reared on farm; *m.* Lottie Moore Ketcham, Sept. 25, 1920; *c.* Betty M., Robt. K. A.B., Univ. Mich., 1907; student Cornell Univ., 1912-3.

Baird, Alfred Briggs, ent. in chg. parasite work, Dominion Ent. Branch, Chatham, Ont.

Sec. and ed. Acadian Ent. Soc., 1921-3. —*b.* Chipman, N. B., Oct. 11, 1891; *s.* Isaac W. and Leucretia (Briggs) B.; reared on farm; *m.* Hazel Black, Apr. 29, 1916; *c.* Haddow Frederic, Barbara Mary. B.S.A., Toronto Univ., 1916; M.S., Cornell Univ., 1921.

Baird, Harry Silversides, creamery operator, 508 State St., Santa Barbara, Calif.

Formerly asst. prof. dairy ind., Univ. Calif. —*b.* Marquette, Kans., June 6, 1888; *s.* Olin Wilber and Lottie Charlotte (Rink) B.; reared on farm; *m.* Edna May Beaulieu, June 4, 1913; *c.* Frederic Silversides. B.S.A., Kans. State Agr. Coll., 1911. Kappa Delta Phi.

Baker, Albert Wesley, prof. systematic ent. and zool., Ont. Agr. Coll., Guelph, Ont.

Sec.-treas. Ent. Soc. Ont., 1911-25. (Coleoptera, Mallophaga). —*b.* Walkerton, Ont., Nov. 1, 1890; *s.* Jacob Johnston and Ida Emma (Fitch) B.; reared in country and city; *m.* Grace Carol Quigley, June 1, 1914; *c.* Eva Louise, Ruth Lenore, Margaret Ann, Wm. Geo. B. S. A., Univ. Toronto, 1911.

Baker, Alfred Leroy, jr. an. husb., U. S. Dept. Agr., U. S. Range Live-stock Exp. Sta., Miles City, Mont.

Live-stock asst., N. Mont. Substa., Havre, 1921-3; an. husb., U. S. Dept. Agr., 1923-4; jr. an. husb., N. Mont. Substa., 1924; present position, 1924-. Private U. S. Marine Corps, World War. (Beef cattle, hogs). —*b.* Lakeview, Mich., Jan. 27, 1898; *s.* Frank L. and Abbigal (Stephens) B.; reared on farm and in town. B.S., Mont. State Coll., 1921. Sigma Alpha Epsilon; Alpha Zeta.

Baker, Allen Langdon, state leader jr. ext., Penn. State Coll., State College, Pa.

Farmer, Ind., 1 yr., O., 2 yrs.; instr., Penn. State Coll., 1920-1; asst. prof., 1921-3; assoc. prof., 1923-. —*b.* Red Bank, O., Feb. 21, 1893; *s.* Ernest E. and Lenora (Langdon) B.; reared in town and on farm; *m.* Elizabeth W. Hopkins, Dec. 5, 1917; *c.* Richard Hopkins. B.S.A., Ohio State Univ., 1917. Alpha Zeta.

Baker, Arthur Challen, ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Expert, U. S. Bur. Ent., 1911; specialist, 1915; ent. asst., 1915; ent., 1919-. Fellow A. A. A. S. *Ed.,* Proceedings Ent. Soc. of Washington. (Bionomy and taxonomy of the Aphididae and Aleyrodidae). —*b.* Belleville, Ont., Feb. 5, 1885; *s.* Jacob J. and Ida E. (Fitch) B.; reared in town; *m.* Ruth Thornton Stoddard, 1914; *c.* Wenona Jean. B.S.A., Ont. Agr. Coll. and Univ. Toronto, 1911; Ph.D., George Washington Univ., 1918.

Baker, Charles Fuller, prof., dean and dir. Exp. Sta., Coll. Agr., Univ. Philippines, Los Banos, P. I.

With Colo. Agr. Coll. and Exp. Sta., 1892-6; Ala. Poly. Inst. and Exp. Sta., 1897-9; cent. high-sch., St. Louis, 1899-1901; Pomona Coll., 1903-4, 1908-12; Estacion Central Agronomica de Cuba, 1907-8; Bot. Gard., Para, Brazil, 1908; Univ. Philippines, 1912-6, 1918-; Bot. Gard., Singapore, 1917. Fellow A. A. A. S. Has been assoc. ed. Invertebrata Pacifica, Pomona Journal Ent., Pomona Journal Econ. Bot., Philippine Agriculturist, Philippine Journal Science. Philippine Agrl. Review. (Trop. agron.). —*b.* Lansing, Mich., Mar. 22, 1872; *s.* J. Stannard and Alice (Potter) B.; reared in village. B. S., Mich. Agr. Coll.; M.A., Stanford Univ. Phi Delta Theta.

Baker, Charles Walter, co. agrl. agt., Kingstree, S. C.; deceased. See Rus 1920.

Baker, Charlotte Agnes, librarian, Colo. Agr. Coll., Fort Collins, Colo.

Apprentice, public library, Denver, Colo., 1894-5; asst. and instr. in training class, 1895-1900; librarian and instr. English, N. Mex. A. & M. Coll., 1900-6; asst. librarian, Colo. Agr. Coll., 1906-10; librarian, 1910-; in chg. library summer-sch., and instr. classification, 1918-. Vice-pres. Colo. Library Assoc., 1896-7; pres., 1912-3; sec. Colo. State Library Comn., 1913-9. Traveled in Hawaii and Mex. (Agrl. documents). —*b.* Racine, Wis., May 15, 1867; *d.* Wm. Van Ness and Sarah Frances (Terry) B.; reared in city. Grad. N. Y. State Normal Coll., 1891; special student, Colo. Coll., 1893.

Baker, ElRoy, agrl. superv. Porter Voc. Sch., Reinerton, Pa.

b. Elizabethtown, Pa., Feb. 14, 1900; *s.* John L. and Annie (Engle) B.; reared on farm; *m.* Mary Kulk, July 20, 1924. B.S.A., Penn. State Coll., 1924.

Baker, George Jacob, state agt. in live-stock improvement, N. D. Agr. Coll., Agricultural College, N. D.

Instr., Univ. Minn., 1907-9; asst. dem. farms, 1909-12; acting state co. agt. leader, 1912; chg. Minn. dem. farms, 1913-8; live-stock farmer, 1918-21; present position, 1921-. Sec.-treas. N. D. Live-stock Breeders Assoc., 1922-. —*b.* Alma Center, Wis., Apr. 9, 1880; *s.* Jacob and Elizabeth (Sichler) B.; reared on farm; *m.* Julia Anderson, Aug. 16, 1911. B.S.A., Univ. Minn., 1909; M.S.A., 1910. Alpha Zeta.

Baker, George Orien, instr. agr. and princ. high-sch., Elma, Wash.

b. Arlington, S. D., Aug. 27, 1900; *s.* Frank and May (Boyer) B.; reared in town. B.S.A., Wash. State Coll., 1923; M.S.A., 1924. Alpha Gamma Rho; Alpha Zeta; Phi Kappa Phi; Phi Delta Kappa.

Baker, Herbert Jonathan, dir. agrl. ext. serv., Rutgers Univ., New Brunswick, N. J.

Asst. instr. agron., Mass. Agr. Coll., 1911-2; sec. to dir. Mass. Exp. Sta., 1911-2; asst. co. agt. leader and farm manag. dem., Mass. Agr. Coll., 1912-5; dir. agrl. ext. serv., Conn. Agr. Coll., 1915-23; present position, 1923-. Dir. farmers inst. for Conn. Mem. exec. com., Amer. Farm Manag. Assoc., 1915-6. Dir. A. E. F. Farm Sch., Allerey, France. —*b.* Selbyville, Del., Apr. 15, 1885; *s.* Seth M. and Margaret E. (Holloway) B.; reared on farm; *m.* Martha Chaplin Noyes, Oct. 7, 1916; *c.* Jonathan Chaplin, Virginia Noyes, Howard Prescott. B.S., Mass. Agr. Coll. Kappa Sigma.

Baker, Howard Robert, teach. agr., high-sch., Palmyra, Ill.

b. St. Louis, Mo., Sept. 6, 1899; *s.* Howard and Nelle (McMahan) B.; reared in city. B.S., Univ. Ill., 1923.

Baker, Margaret M., ext. specialist in chg. nutr., Ia. State Coll., Ames, Ia.

Teach. grade schs., 1904-6; hospital dietitian, 1910-2; teach. home econ., high-schs., 1912-5; Stout Inst., Wis., 1915-8; co. home dem. agt., 1918; present position, 1919-. —*b.* Rockwell City, Ia., Feb. 11, 1886; *d.* Ira and Emma O. (Reynolds) B.; reared in town. B.S., Ia. State Coll., 1910; M.S., Columbia Univ., 1919. Omicron Nu.

Baker, Marvel L., instr. in chg. an. husb., Neb. Sch. Agr., Curtis, Neb.

Farmer and stockman, Coles Co., Ill., 1914-7; stockman, Kans., 1919-21; present position, 1924-. Lieut. Inf., U. S. Army, 1918-9. —*b.* Coles Co., Ill., Jan. 3, 1895; *s.* Isaac Wm. and Ella (Anderson) B.; reared on farm; *m.* Florence C. Wortham, June 30, 1919; *c.* Montee Robt., John Nolan, Dorothy Carroll. B.S.A., Kans. State Agr. Coll., 1924; M.S., 1924. Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta; Pi Kappa Delta.

Baker, Oliver Edwin, agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Prof. agrl. geography and land utilization, Clark Univ., Worcester, Mass. *Auth.*: (with V. C. Finch) Geography of World Agriculture, 1918; contr. to

Book of Rural Life; in chg. agrl. year book, 1923. *Ed.*, Atlas of American Agriculture. —*b.* Tiffin, O., Sept. 10, 1883; *s.* Edwin and Martha (Thomas) B.; reared in small town. B.Sc., Heidelberg Coll., Tiffin, O., 1903; M.Sc., 1904; M.A., Columbia Univ., 1905; student Yale For. Sch., 1907-8; Ph.D., Univ. Wis., 1921.

Baker, Paul Swarr, farmer, Landisville, Pa.

Asst. agron., Penn. State Coll., 1915-7; farming, 1917-. (Tobacco and steer feeding). —*b.* near Landisville, Pa., Mar. 28, 1894; *s.* Phares W. and Elizabeth (Swarr) B.; reared on farm; *m.* Mary C. Trout, Jan. 3, 1918; *c.* Mary Elizabeth. B.S., Penn. State Coll., 1915. Alpha Zeta; Phi Kappa Phi.

Baker, Raymond K., prof. poultry husb., Univ. Sask., Saskatoon, Sask.

Teach. public schs., 1902-3; rancher, Medicine Hat, Alta., 1903-6; homesteader, Waseca, Sask., 1906-13; asst. prof. poultry husb., Univ. Sask., 1913-6; prof., 1916-. —*b.* Trenton, Ont., Nov. 17, 1876; *s.* Wm. F. and Frances Anne (Funnell) B.; reared on farm; *m.* Lena Myrtle McGee, Apr. 3, 1907; *c.* Bryan R., Constance R., Frances Beth, Wm. Herbert. B.A., Univ. Man., 1900.

Baker, Sihon Winfield, dir. agr., high-sch., Holley, N. Y.

b. Webster, N. Y., Jan. 10, 1901; *s.* Chas. J. and Emma (Martin) B.; reared on farm. B.S., Cornell Univ., 1923.

Baker, Thomas Alexander, prof. an. husb., Univ. Del., Newark, Del.

Instr. an. husb., Cornell Univ., 1914-7; instr. an. husb., State Sch. Agr., Cobleskill, 1917-8; present position, 1919-. With U. S. Marines, 1918. (Dairy). —*b.* Dalton, Ga., Jan. 17, 1893; s. Thos. A. and Winifred (Stone) B.; reared in town; *m.* Ruth E. Brown, Aug. 11, 1923. B.S., Cornell Univ., 1914. Alpha Zeta; Gamma Alpha; Phi Kappa Phi.

Bakken, Henry H., asst. prof. marketing, Univ. Wis., Madison, Wis.

Asst. agrl. econ., Univ. Wis., 1922-4; present position, 1924-. Corporal Field Art., A. E. F. —*b.* Arena, Wis., Mar. 24, 1896; *s.* Halver and Molly (Nelson) B.; reared on farm; *m.* Clara K. Grimstad, Sept. 2, 1922; *c.* Hugh Richard. A.B., Univ. Wis., 1922; M.A., 1924.

Balch, Walter Buswell, asst. prof. hort., Kans. State Agr. Coll., Manhattan, Kans.

Instr., N. Y. Bot. Gardens, 1919-20; manag. Hollywood Greenhouses, Tatum, S. C., 1920-1. Vice-pres., 1924, dir. Kans. State Florist Assoc. Contributing ed. Nature Magazine and Southern Florist. Served in Naval Aviation, 1917-9. (Flor.). —*b.* Chicago, Ill., Oct. 1, 1895; *s.* Alfred Connor and Sophie (Bloomfield) B.; reared in city. B.S., Cornell Univ., 1919; M.S., Kans. State Agr. Coll., 1925. Alpha Sigma Phi; Pi Alpha Xi.

Balcomb, Ernest Elwell, head dept. agr., State Normal Sch., Arcata, Calif.

State fertilizer insp., Univ. Calif., 1903-5; dept. agr., State Normal Sch., Weatherford, Okla., 1905-8; chg. dept. agr. for public schs., Okla. A. & M. Coll., 1908-9; state lect. on agrl. educ., Neb. State Dept. Educ., 1909; head dept. rural econ., State Normal and Ind. Coll., Greensboro, N. C. Mem. Nat. Council Educ., N. C. Acad. Sci. Pres. dept. rural and agrl. educ., Nat. Educ. Assoc.; sec. Nat. Com. on Agrl. Educ., 6 yrs.; mem. com. to confer with Pres. Roosevelt on agrl. educ., 1908. (Rural sociol.). —*b.* Broom Co., N. Y., June 3, 1866; *s.* Francis and Lydia (Goodnoo) B.; reared on farm; *m.* Alona Wixson, Sept. 4, 1894. A.B., Stanford Univ., 1903; grad. student, Harvard Univ., Univ. Calif., Teachers' Coll., Columbia Univ.

Balderston, Robert Walter, farmer, Bowling Green, Media, Pa.

Sec. Inter-State Milk Producers Assoc. —*b.* Kennett Square, Pa., June 25, 1882; *s.* John L. and Anna E. (Marshall) B.; reared on farm; *m.* Martha W. Trimble, Sept. 8, 1910; *c.* Walter, Ruth T., Margaret, Elizabeth.

Baldinger, Harold Eugene, manag. Arden Dairies, El Monte, Calif.

Instr. dairying, Mass. Agr. Coll., 1914-6; manag. Tait Bros. Creamery

Products Co., 1916-7; dir. agr., Milford distr., Del., 1918; formerly co. agrl. agt., Newton, N. J. Pres. Branchville Fair Assoc., N. J.; sec. Sussex Co. Sheep Breeders Assoc. *Ed.,* Sussex Co. Farm Bur. News. (Dairying). —*b.* Detroit, Mich., May 28, 1892; *s.* John J. and Nellie (Geimer) B.; reared on farm; *m.* Elsie Helen Voight, Oct. 9, 1915; *c.* Barbara Smith. B.S., Cornell Univ., 1914.

Baldwin, Charles Hilliard, dir. Bur. State Inst. Farms, Dept. Farms and Markets, Albany, N. Y.

Teach. 4 yrs.; farm manag., State Inst. Farms, 5 yrs.; Carnation Stock Farms, 3 yrs.; insp. Inst. Farms, 2 yrs.; dir., 1921-. Sec. N. Y. State Agrl. Soc., 1922-5. —*b.* Cortland, N. Y., Feb. 16, 1886; *s.* Chas. Edwin and Alice Eliza (Hilliard) B.; reared on farm; *m.* Susie Marleah Morrisey, Dec. 13, 1909; *c.* Chas. Edwin, Arlene Marleah, Keith Morrisey, Francis Jas., Franklin Hilliard. Student Cortland Normal Sch.

Baldwin, Frank D., breeder pure-bred Duroc-Jersey hogs, Bath, Ill.

General farming, 1906-15; agrl. agt., Mason Co., Ill., 1915-9. Co. chm. production com., Red Cross Drive. —*b.* Ipava, Ill., Nov. 14, 1881; *s.* J. J. and Mary (Duncan) B.; reared on farm; *m.* Nellie Wayne Porter, Oct. 31, 1909; *c.* John Porter, Frances Louise. B.S., Univ. Ill., 1906. Alpha Zeta.

Baldwin, Joseph Cosby, teach. voc. agr., high-sch., London, Ky.

Co. agrl. agt., 1914-9; present position, 1919-. —*b.* London, Ky., Dec. 23, 1888; *s.* T. N. and Emily (Carrier) B.; reared on farm. A.B., Univ. Ky.; A.M., 1919.

Baldwin, Robert James, dir. ext., Mich. State Coll., E. Lansing, Mich.

Teach. sci., Traverse City high-sch., 1907-9; asst. to Dean Agr., Mich. Agr. Coll., 1910-3; ext. dir., 1913-. —*b.* Brown City, Mich., Oct. 31, 1883; *s.* James and Priscilla (Peart) B.; reared on farm; m. Bertha L. Van Orden; *c.* Dorothy Jane, Robt. J. Jr., Katherine Louise. B.S., Mich. Agr. Coll., 1904.

Ball, Carleton Roy, sr. agron. in chg. Off. Cereal Invest., U. S. Dept. Agr., Washington, D. C.

Asst. bot., Ia. State Coll., 1896-8; asst. agrostologist, U. S. Dept. Agr., 1899-1906; agron., 1906-18. Fellow A. A. A. S. Sec. Amer. Soc. Agron., 1909-14, pres. 1916. Contr. to Book of Rural Life. (History and classification of cereals; taxonomy of willows and grasses). —*b.* Little Rock, Ia., June 12, 1873; *s.* Leroy Augustus and Mary (Mansfield) B.; reared on farm; *m.* Bertha F. Steward, June 14, 1904; *c.* Carolyn Steward, Robt. Steward. B.Sc., Ia. State Coll., 1896; M.Sc., 1899; D.Sc., 1920. Phi Kappa Phi; Gamma Sigma Delta.

Ball, Elmer Darwin, ent., Ent. Lab., Sanford, Fla.

Asst. zool. and ent., Ia. State Coll., 1895-7; assoc. prof., Colo. Agr. Coll., 1897-1902; prof., Utah Agr. Coll., 1902-7; dean Sch. Agr., dir. Exp. Sta., 1907-17; state ent., Wis., 1917-8; prof. zool. and ent., Ia. State Coll., 1918-20; asst. sec. agr., 1920-1; dir. sci. work, U. S. Dept. Agr., 1921-5; present position, 1925-. Fellow A. A. A. S. Pres. Utah Acad. Sci., 1910; pres. Pacific Slope Assoc. Econ. Ent., 1917; pres. Amer. Assoc. Econ. Ent., 1918. Mem. State Hort. Comn. of Utah; mem. State Bd. Horse Comnrs. of Utah. (Homoptera). —*b.* Athens, Vt., Sept. 21, 1870; *s.* Leroy A. and Mary (Mansfield) B.; reared on farm; *m.* Mildred R. Norvell, June 14, 1899. B.S., Ia. State Coll., 1895; M.S., 1898; Ph.D., Ohio State Univ., 1907. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta.

Ballantyne, Alando B., asst. dir. agrl. ext. serv., Univ. Ariz., Tucson, Ariz.

Instr. Utah Agr. Coll. and supt. S. Utah Exp. Farm, 1910-4; agrl. agt. Utah Co., 1914-6; Graham-Greenlee Co., Ariz., 1916-21; asst. in club and co. agt. work, Univ. Ariz., 1921-3; asst. dir., 1923-. (Viticulture, land econ.). —*b.* Draper, Utah, July 18, 1884; *s.* Richard Alando and Mary Ann (Stewart) B.; reared on farm and in town; *m.* Mary Ann Jones, July 1, 1914; *c.* Imogen, Alando J., Merle, Thomas Marvin. B.S., Utah Agr. Coll., 1910.

Ballard, Clinton Vede, asst. state leader co. agrl. agts., Mich. State Coll., E. Lansing, Mich.

Formerly co. agrl. agt., Iron Mountain, Mich. —*b.* near Ithaca, Mich., Oct. 29, 1887; *s.* Chas. and Helen (Pierce) B.; reared on farm; *m.* Marjorie George, Dec. 30, 1914; *c.* Mary Elizabeth, Marjorie Jean, Robt. Cole, Barbara Helen. B.S., Mich. Agr. Coll.

Ballard, Walter Raymond, specialist in veg. and lands. gard. ext., Univ. Md., College Park, Md.

Asst. hort., Md. State Exp. Sta., 1906-11; pom., 1912-8; emergency dem. agt. and garden specialist, States Relations Serv., College Park, Md., 1918-9; asst. prof. pom., Md. State Coll., and small-fruit invest. Exp. Sta., 1919-20; present position, 1920-. —*b.* McLean Co., Ill., May 8, 1878; *s.* James H. and Mina E. (Holcomb) B.; reared on farm; *m.* Gertrude Emerson Long, Sept. 22, 1918; *c.* Emilie Margaret, Dorothy Isabel. B.S., Kans. State Agr. Coll., 1905.

Ballard, William Salisbury, plant path., fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Platteville, Wis., May 29, 1881; *s.* Jas. H. and Elizabeth (Carpenter) B.; reared in town. A.B., Univ. Ill., 1904. Sigma Xi.

Ballou, Frank H., assoc. hort., Ohio Agr. Exp. Sta., Newark, O.

Foreman hort., Ohio Agr. Exp. Sta., 1904; asst. hort., 1905-21; assoc. hort., 1921-. Supt. hort. dept., O. State Fair, 1900-7; sec. O. State Hort. Soc., 1908-16; pres., 1923-4. (Orchard practice). —*b.* Newark, O., July 3, 1869; *s.* Chas. Edward and Mary Jane (Keenen) B.; reared on farm; *m.* Clara McPherson, July 12, 1899; *c.* Nellie, Ava.

Balmer, Frank Everett, state co. agt. leader, Univ. Minn., University Farm, St. Paul, Minn.

Farm manag., 1906-9; dir. agr., Lewiston Consolidated Schs., Minn., 1909-11; princ. La Crosse Co. Sch. Agr., Onalaska, Wis., 1911-3; distr. superv. co. agts., W. Cent. Minn., 1913-4; present position, 1914-. —*b.* Woodston, Kans., Oct. 29, 1883; *s.* Elmer D. and Mary (Jenks) B.; reared on farm; *m.* Bertha Mabel Eastman, Aug. 25, 1910. B.S., Kans. State Agr. Coll., 1905. Acacia.

Bane, Geneva M., asst. prof. home econ. ext., Ohio State Univ., Columbus, O.

Emergency home dem. agt., Springfield, Ill., 1917-9. —*b.* Livingston Co., Ill., Feb. 14, 1886; *d.* Milton M. and Florence (Clegg) B.; reared on farm. B.S., Univ. Ill., 1912. Gamma Phi Beta; Omicron Nu; Kappa Delta Pi.

Bane, Juliet Lita, exec. sec. Amer. Home Econ. Assoc., Mills Bldg., Washington, D. C.

Dir. household arts, Y. W. C. A., Omaha, Neb., 1912-4; instr. home econ., Wash. State Coll., 1914-5; asst. prof., 1915-7; asst. state leader home econ. ext., Univ. Ill., 1918-20; state leader and asst. prof. home econ., 1920-3. —*b.* near Dana, Ill., Sept. 15, 1887; *d.* M. Milton and Florence (Clegg) B.; reared on farm. B.S., Univ. Ill., 1912; M.A., Univ. Chicago, 1919. Gamma Phi Beta; Kappa Delta Pi; Omicron Nu.

Banister, Seth Warrener, instr. agr., Austin-Cate Acad., Center Strafford, N. H.

Civil engin., Lowell, Mass., 1916-7; instr. Norfolk Co. Agrl. Sch., Walpole, Mass., 1922-3; present position, 1923-. Served in Aviation Corps, U. S. Army, 1917-9. —*b.* Westford, Mass., Apr. 9, 1893; *s.* Francis W. and Margaret (Denton) B.; reared on farm; *m.* Elizabeth True Montgomery, Oct. 14, 1921; *c.* Montgomery, Lois Ann. B.S., Mass. Agr. Coll., 1915. Lambda Chi Alpha.

Banks, George Heartsill, farmer and dir. field serv. Ark. Cotton Growers Coop. Assoc., Box 957, Little Rock, Ark.

Agrst., Bolton Coll., 1914-5; princ. and teach. agr., high-sch., Villisca, Ia., 1915-6; agrl. agt. Jackson Co., Ark., 1916-8; rice farmer, Hickory Ridge, 1919; farmer Parkin, Ark., 1920-; supt. schs., Parkin, 1921-2; distr. dir., Ark. Cotton Growers Coop. Assoc., 1922-3, dir. field serv., 1922-. Served in U. S. Navy, 1918. *Asst. ed.,* Cotton

Assoc. News, 1922-. —*b.* Raines, Tenn., Feb. 15, 1893; *s.* W. Love and Lucy (Heartsill) B.; reared on farm; *m.* Gertrude Brodrick, July 17, 1917; *c.* David Francis, Wm. Love, Barbara Alice. B.S.A., Univ. Mo., 1914.

Banks, King Lemuel, live-stock breeder, Delta, Colo.

Formerly co. agrl., agt., Walnut Ridge, Ark. Dir. Colo. Potato Growers, W. Colo. Sugar Beet Growers. (Holstein-Friesian cattle). —*b.* Raines, Tenn., July 4, 1895; *s.* Wm. Love and Lucy (Heartstill) B.; reared on farm; *m.* Hazel Davies, Apr. 15, 1917; *c.* 4 daughters. B.S.A., Univ. Mo., 1916. Sigma Phi Epsilon.

Banman, Alvin Kornelius, instr. voc. agr., high-sch., Americus, Kans.

Served in Inf. and Field Art., World War; received Victory Medal. —*b.* Hillsboro, Kans., Nov. 10, 1898; *s.* J. F. and Anna (Dalkie) B.; reared in country. B.S., Kans. State Agr. Coll., 1924.

Banta, Luther, asst. prof. poultry husb., Mass. Agr. Coll., Amherst, Mass.

Instr. poultry husb., N. Y. State Sch. Agr., Alfred, 1915-8; present position, 1918-. —*b.* Amsterdam, N. Y., Nov. 2, 1893; *s.* Geo. S. and Minnie (Blood) B.; reared in town; *m.* Emily N. Johnson, Dec. 22, 1914; *c.* Elizabeth Marguerite. B.S., Cornell Univ., 1915. Sigma Pi.

Barber, George W., asst. ent., U. S. Dept. Agr., 10 Court St., Arlington, Mass.

1st Lieut. Cavalry, U. S. Army, 1917-9. —*b.* Hyde Park, Mass., Aug. 3, 1890; *s.* John E. and Elizabeth A. (Mann) B.; reared in town; *m.* Estelle Hulse, July 28, 1919; *c.* Geo. Winston. B.S., Mass. Agr. Coll., 1913. Sigma Phi Epsilon.

Bargerstock, Clarence A., farmer and dairyman, Punxsutawney, Pa.

Pres. Jefferson Co. Live-stock Assoc. —*b.* Punxsutawney, Pa., Sept. 9, 1866; *s.* Henry and Amelia (Graffius) B.; reared on farm; *m.* Mary McGee, June 30, 1886; *c.* Wm. H.

Barker, Elbert J., farmer and live-stock breeder, Thorntown, Ind.

Ex.-pres. Amer. Berkshire Congress, Ind. Swine Breeders Assoc.; ex.-dir. Amer. Berkshire Assoc.; pres. Ind. Live Stock Assoc. (Berkshire swine).—*b.* Thorntown, Ind., Sept. 10, 1876; *s.* Isaac N. and Cyrena A. (Brown) B.; reared on farm; *m.* Della M. Beesley, Dec. 26, 1900; *c.* Mildred, Margaret, Elberta.

Barker, Elmer Eugene, invest., Mass. State Dept. Agr., Boston, Mass.

Asst. geol., Cornell Univ., 1910; asst. ent., 1911-2; asst. prof. plant-breeding, 1915-9; plant-breeder, Insular Exp. Sta., Rio Piedras, Porto Rico, 1919; chief agron., 1920-1; assoc. prof. bot., Univ. Ga., 1921-2; present position, 1922-. —*b.* Crown Point, N. Y., Dec. 31, 1886; *s.* Elmer John and Harriet Barnes (Griggs) B.; reared on farm; *m.* Sept. 4, 1916; *c.* Stephen Middleton, Mary Louise, Robt. Tayloe, Thos. Griggs. A.B., Cornell Univ., 1910; Ph.D., 1914.

Barker, Joseph F., prof. agrl. chem. and soils, Ohio State Univ., Columbus, O.; Aug. 13, 1884-Aug. 25, 1924. See Rus 1920.

Barker, O. E., teach. voc. agr., high-sch., Marion, O.

b. Celina, O., Aug. 6, 1896; reared on farm; *m.* Jessie Ewing. B.S., Ohio State Univ., 1920. Sigma Phi Sigma.

Barnard, Harry Everett, dir. Amer. Inst. of Baking, sec. Amer. Bakers Assoc., Chicago, Ill.

Asst. chem., N. H. Exp. Sta., 1899; asst. chem., U. S. Smokeless Powder Factory, Indian Head, Md., 1900-1; chem., N. H. State Bd. Health, 1901-5; chem., Ind. State Bd. Health, 1905-20; state food and drug comnr., 1907--20; state comnr. weights and measures, 1911-20; food and drug insp. chem., U. S. Dept. Agr., 1907-20; present position, 1920-. Fed. Food Admins., 1917-20; pres. Ind. Sanitary and Water Supply Assoc.; sec. Ind. branch, Nat. Conservation Assoc. Fruit-grower, supt. Ind. Apple Show, 1911-2; pres. Ind. Apple Show Comn., 1913. (Human nutr.). —

b. Dunbarton, N. H., Nov. 14, 1874; *s.* Nelson H. and Celestia A. (Rider) B.; *m.* Marion Harvie, June 20, 1901; *c.* Harvie, Marion. B.S., N. H. A. & M. Coll., 1899; Ph.D., Hanover Coll., 1913.

Barnes, Earl Elmer, asst. prof. soils, Ohio State Univ., Columbus, O.

Asst. agrl. chem., Ohio State Univ., 1917-8; agt. Sandusky Co., O., 1918-20; present position, 1920-. —*b.* Waterford, Pa., Apr. 17, 1892; *s.* Velorus Clarence and Sarah (Lunger) B.; reared on farm; *m.* Florence Belle Marsh, July 1, 1918; *c.* Mary Elizabeth, Geo. Marsh, Margaret Louise, Dorothy Lucile. B.S.A., Ohio State Univ., 1917; M.S., 1923. Sigma Xi; Phi Lambda Upsilon.

Barnes, George Wallace, beef cattle and range specialist, Tex. A. & M. Coll., College Station, Tex.

Live-stock ext. specialist, Okla. A. & M. Coll., 1912-4; live-stock specialist, Univ. Ariz., 1914-8; manag. Perrin Cattle Co., Selegman, Ariz., 1918-23; present position, 1923-. —*b.* Coleman, Tex., June 22, 1887; *s.* Clarence Leroy and Margaret (English) B.; reared on ranch; *m.* Portia Marland Lacey; *c.* Geo. W. Jr., Annabelle. B.S., Tex. A. & M. Coll., 1911; student Ia. State Coll., 1 yr.

Barnes, John R., nurseryman, Wallingford, Conn.

Fruit-grower, 40 yrs.; nurseryman, 35 yrs. —*b.* Cheshire, Conn., May 20, 1867; *s.* Jas. and Sarah E. (Pennewell) B.; reared on farm; *m.* Grace D. Paddock; *c.* Helen Elizabeth, Delaphine Hall, Joel Paddock. Grad. Eastman Coll., 1884.

Barnes, Olive Kirby, distr. home dem. agt., Miss. A. & M. Coll., Agricultural College, Miss.

Teach. home econ., Univ. Tenn., summer 1915; Cumberland Co. High-Sch., 1914-6; Polls Co. High-Sch., 1916-8; home dem. agt., De Kalb Co., Miss., 1918-9; Panola Co., 1919-24; present position, 1924-. —*b.* Knox Co., Tenn., Feb. 16, 1882; *d.* John McCammon and Sarah Rosanna (Ruh) Kirby; reared on farm and in city; *m.* Samuel Edwin Barnes, Sept. 12, 1906. Student Univ. Tenn., 1913-4; Columbia Univ., 2 summers.

Barnes, Will C., stockman, asst. for., U. S. For. Serv., Washington, D. C.

Mem. Ariz. Legislature, 1891-2; N. Mex. Legislature, 1901-2. Sec. Ariz. Cattle Growers Assoc., 1890-4; N. Mex. Cattle Growers Assoc., 1901-4; sec. and chm. Cattle Sanitary Bd., Ariz., 1888-98; sec. and pres. Live-Stock Sanitary Bd., N. Mex., 1901-6. Ariz. comnr. to World's Fair, Chicago, 1893. Served as private and sergeant, U. S. Signal Corps, 1879-83; Congressional Medal of Honor, Indian campaigns in Ariz., 1880-1. Staff correspondent to Breeders Gazette. —*b.* Calif., June 21, 1858; *s.* Enos A. and Elizabeth (Croft) B.; reared on farm; *m.* Edith Talbot, 1897.

Barnett, Claribel Ruth, librarian, U. S. Dept. Agr., Washington, D. C.

Asst. librarian, U. S. Dept. Agr., 1901-7; librarian, 1907-. Organized agrl. libraries sect., Amer. Library Assoc., 1910; chm. food information com. of War Serv. Com., Amer. Library Assoc.; 2d vice-pres. Amer. Library Assoc., 1921-2. Contr. to Book of Rural Life. *Assoc. ed.,* Special Libraries, 1919-20. (Agrl. bibliography). —*b.* Kent, O., Mar. 26, 1872; *d.* Geo. and Lucina (Deuel) B.; reared in town. Ph.B., Univ. Mich., 1893; B.L.S., N. Y. State Library Sch.

Barnett, John Calhoun, distr. agrl. agt., 310 Donaghey Bldg., Little Rock, Ark.

Manag. plantation, Issaquna Co., Miss., 3 yrs.; agrl. adv. to Minister of Lands and Agr., Bangkok, Siam, 2½ yrs.; distr. agt., U. S. Dept. Agr., La., 2½ yrs.; present position, 1918-. Farm operator. Traveled in Europe, Asia, Africa. —*b.* Harperville, Miss., Aug. 7, 1880; *s.* B. R. and Mina (Moore) B.; reared on farm; *m.* Alpha Marie Franks, Aug. 30, 1916; *c.* Johnnie, Maria, Jack Calhoun. B.S.A., Miss. A. & M. Coll., 1907.

Barnett, Robert John, prof. hort., Kans. State Agr. Coll., Manhattan, Kans.

Asst. prof. pom., Wash. State Coll., 1911-4; prof., 1914-20; present position, 1920-. —*b.* Denison, Kans., Jan. 16, 1874; *s.* Jas. H. and Margaret (Linton) B.; reared on farm; *m.* Flora Day, 1898; *c.* Dahy Baskett. B.S., Kans. State Agr. Coll., 1895; M.S., 1911; Kans. State Normal, 1896. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta; Acacia.

Barney, Ellery Robert, teach. an. husb., State Sch. Agr., Delhi, N. Y.

b. Milford, N. Y., Sept. 21, 1899; *s.* Kent and Anna (Jones) B.; reared on farm. B.S., Cornell Univ., 1922. Theta Alpha.

Barnhart, Floyd, instr. voc. agr., high-sch., Caruthersville, Mo.

Served in Field Art., U. S. Army, 1918. (Cotton, hogs).—*b.* Carthage, Mo., Sept. 6, 1895; *s.* B. F. and Cannan D. (Carr) B.; reared in country and town. B.S.A., Univ. Mo., 1922. Alpha Zeta.

Barnhart, William Steel, co. agrl. agt., Court House, Zanesville, O.

Superv. agr., high-sch., Mt. Pleasant, Pa., 1914-7; head dept. an. husb. and dairy ind., N. Y. State Sch. Agr., Alfred, 1917-9; agrl. agt. Mercer Co., N. J., 1919-21; Muskingum Co., O., 1921-. Pilot U. S. Air Serv., 1917-8. —*b.* Greensburg, Pa., Oct. 19, 1890; *s.* Geo. and Agnes (Steel) B.; reared on farm. B.S., Penn. State Coll., 1914; student Cornell Univ., 1919.

Barnum, Cecil J., teach. agr. and supt. high-sch., Woodland, Mich.

Supt. schs. and comnr. Gladwin Co., Mich., 1913-8. —*b.* Woodland, Mich., Apr. 29, 1872; *s.* Alonzo B. and Anna B. (Meyers) B.; reared on farm and in town; *m.* Belle Stokes, Aug. 20, 1896. B.S., Mich. Agr. Coll., 1894; B.Ped., Mich. State Normal Coll.

Barnum, Harry Lee, ed., Mich. Potato Growers Exchange, Cadillac, Mich.

Farm manag., Charlevoix Co., Mich., 1915-7, 1920-2; agrl. agt., Missaukee Co., Mich., 1917-20; present position, 1922-. —*b.* Hopkins, Mich., May 15, 1887; *s.* H. W. and Caroline (Walter) B.; reared on farm; *m.* Florence Alexander, July 3, 1915; *c.* Emma Belle, Robt. Alexander. B.S., Mich. Agr. Coll., 1915.

Barott, Herbert G., specialist calorimetry and heat measurements, Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Asst. physicist, Bur. Standards, 1909-17. —*b.* Burton, O., July 13, 1881; *s.* Henry H. and Leverna A. (Caster) B.; *m.* Ella Ostrander, June 30, 1909; *c.* Thos. Henry, Mary Elizabeth. E.E., Syracuse Univ., 1909. Tau Beta Pi.

Barr, George Wilbert, state superv. agrl. educ., Carson City, and asst. prof. agrl. educ., Univ. Nev., Reno, Nev.

Instr. agr., Brush Union High-Sch., Brush, Colo., 1919-20; state superv. agrl. educ., Nev., 1921-; asst. prof. agrl. educ., Univ. Nev., 1922-. —*b.* Elvira, Ia., Mar. 13, 1896; *s.* R. H. and Mary (Barr) B.; reared on farm. B.S., Colo. Agr. Coll., 1919; M.S., Cornell Univ., 1921.

Barre, Henry Walter, dir. Exp. Sta., Clemson College, S. C.

Field agt., Neb. Insect Pest and Plant Disease Bur., 1907; assoc. prof. bot. and bact., Clemson Coll., 1907-8; bot. and plant path., S. C. Exp. Sta., 1908-11; prof. bot. and bact., Clemson Coll. and bot. and plant path., S. C. Exp. Sta., 1911-6; dir. S. C. Exp. Sta., 1916-. Mem. S. C. Crop Pest Comn.; sec.-treas. and mem. cotton council, Assoc. S. Agrl. Workers. *Assoc. ed.,* Phytopathology. (Cotton diseases, cotton anthracnose). —*b.* Lexington, S. C., May 5, 1881; *s.* W. W. and Elizabeth Amanda (Caughman) B.; reared on farm; *m.* Florence Belle Tillotson, Feb. 16, 1910; *c.* Claude Bertram, Lola Bernice. B.S., Clemson Agr. Coll., 1905; B.S., Univ. Neb., 1907; M.A., 1910. Alpha Zeta; Sigma Chi.

Barrett, Charles S., farmer, pres. Nat. Farmers' Union, Union City, Ga.

Mem. Country Life Comn. appointed by Pres. Roosevelt; mem. Farm Adv. Bd., appointed by Houston and Hoover; mem. com. to fix wheat price, appointed by Pres. Wilson; rep. Nat. Farmers

Union, and eight or ten other nat. farm organizations at Peace Conference in Paris; mem. Pres. Wilson's Industrial Comn. Del. to Intern. Agrl. Inst., Rome, Italy. *Ed.,* National Field. —*b.* Pike Co., Ga., Jan. 28, 1866; *s.* Thos. J. and Minerva (Slade) B.; reared on farm; *m.* Alma Rucker, 1892; *c.* Paul, Charlie, Howell, Leland, Gaines, John.

Barrett, DuPre, ext. specialist for., Univ. Ga., Athens, Ga.

b. Athens, Ga., Dec. 31, 1897; *s.* Thos. Henry and Isadora (Pittman) B.; reared on farm. B.S.F., Univ. Ga., 1921.

Barrett, Frank Newton, co. agrl. agt., Pittsfield, Ill.

State leader jr. agrl. ext. work, Univ. Ky., 1918-20; agrl. agt. Pike Co., Ill., 1921-. Corporal Inf., U. S. Army, 1918. —*b.* Elkhorn, Wis., Apr. 30, 1887; *s.* John Elliott and Nancy (Crego) B.; reared on farm and in town; *m.* Ruth E. Cannon, June 29, 1924. B.S.A., Univ. Ill., 1917. Alpha Gamma Rho.

Barrett, Henry Clayton, teach. voc. agr., high-sch., Claremont, Va.

Teach. Eastern Coll., 1900-10; princ. high-sch., Culpeper, Va.; head hort. dept., U. S. Voc. Sch. Farm operator. —*b.* Winchester, Va., June 18, 1867; *s.* Joel and Naomi (Taylor) B.; reared on farm. B.A., Eastern Coll., 1903; B.S., Va. Poly. Inst.

Barrett, James Theophilus, prof. plant path., assoc. dir. Univ. Calif. Grad. Sch. Trop. Agr. and Citrus Exp. Sta., Riverside, Calif.

Asst. bot., Ill. Exp. Sta., 1903-8; fellow and grad. asst. bot., Cornell Univ., 1908-10; assoc. bot., Univ. Ill. and chief asst., Exp. Sta., 1910-3; present position, 1913-. *Assoc. ed.,* Phytopathology. —*b.* Butler, Ill., Nov. 14, 1876; *s.* Jesse Clark and Emma (Hutchinson) B.; reared on farm; *m.* Anne Turner, June, 1904; *c.* James Turner, Mary Helen, Martha Anne, Paul Hutchison. B.A., Univ. Ill., 1903; A.M., 1907; Ph.D., Cornell Univ., 1910. Sigma Xi.

Barrett, Otis Warren, agrl. adv., San Juan, Porto Rico.

With W. India Improvement Co., Jamaica, 1894; hon. curator ent. collections of the Museo de la Comision Geografico-Exploradora, Tacubaya, Mex., 1898-1900; ent. and bot., Porto Rico Exp. Sta., 1901-5; plant introducer, U. S. Dept. Agr., 1905-8; dir. agr. for Mozambique, Port E. Africa, 1908-10; chief divs. exp. stas. and hort., Bur. Agr., Manila, P. I., 1910-4; hort., Canal Zone, 1914-7; agrst., U. S. Dept. Agr., 1917-9; agrl. expert to Govt. of Liberia, 1920-2; agrl. adv., Insular Dept. Agr., Porto Rico, 1923-. Fellow A. A. A. S. Expert on carbon procurement, Med. Dept., S. G. O., War Dept. —*b.* N. Clarendon, Vt., Apr. 18, 1872; *s.* Jas. and Alice Warren (Kelley) B.; reared on farm; *m.* Bessie Stearns, Apr. 27, 1898. B.Sc., Univ. Vt., 1896. Kappa Sigma.

Barron, John H., ext. prof. field crops, Cornell Univ., Ithaca, N. Y.

Asst. expl. agron., Penn. State Coll., 1907-9; farmer, N. Y. state, 1908-11; agt. Broome Co., N. Y., 1911-3; present position, 1914-. (Pasture improvement, forage crops, field crop varieties, adaptations and seed sources). —*b.* Tuscarora, N. Y., June 28, 1883; *s.* Milton M. and Alida A. (Hall) B.; reared on farm; m. Marion Irene Mitchell, Dec. 20, 1916; *c.* Vincent John, Robt. Milton. B.S.A., Cornell Univ., 1906. Sigma Xi.

Barron, Leonard, ed. Garden Magazine, Doubleday Page & Co., Garden City, N. Y.

Asst. ed. Gardeners' Chronicle, London, England, 1885-93; ed. American Gardening, 1893-5; manag. ed., Garden Magazine, 1905-11; ed., 1911-. *Auth.:* Lawns and How to Make Them, 1906; Roses and How to Grow Them, 1905. —*b.* Chiswick, England, Sept. 29, 1868; *s.* Archibald Farquharson and Elinor M. (Ayres) B.; raised in gardens of Royal Hort. Soc.; *m.* Effie Maude Robinson, 1896; *c.* Eric Stuart, Dorothy Enid. Student Birkbeck Inst., London.

Barrows, Harry Holbrooke, drainage engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Railroad engin., 1898-1910; present position, 1910-. Capt. Engineers, U. S.

Army, 1917-9; served in France, 1918-9. (Drainage of agrl. lands). —*b.* Kent, O., Feb. 5, 1874; *s.* Allen C. and Laura W. (Tracy) B.; reared in town. C.E., Ohio State Univ., 1898.

Barrows, Paul Mather, fruit-grower, R. F. D. 30, Stamford, Conn.

Pres. Fairfield Co. Farm Bur.; co. vice-pres. Conn. Pom. Assoc. —*b.* Rockford, Ill., Jan. 3, 1890; *s.* Walter Manning and Mary Dewey (Jones) B.; *m.* Faith Lobdell, Dec. 31, 1915; *c.* Mary Anne, Jean Lobdell. Grad. Biltmore For. Sch.; student Yale Univ., Univ. Wis.

Barrus, Mortier Franklin, ext. prof. plant path., Cornell Univ., Ithaca, N. Y.

Asst. plant path., Cornell Univ., 1908-10; instr., 1910-1; ext. asst. prof., 1911-4; ext. prof., 1914-. Specialist in plant path. U. S. Dept. Agr., summer 1916; path. adv., summer 1917, 1918. Chm. com. seed improvement and certification, Potato Assoc. Amer., 1915-8; mem. council and adv. bd., Amer. Phytopath. Soc., 1923-, chm., 1924-; mem. Governors Crop Protection Inst., 1924-; mem. com. biol. and agr., Nat. Res. Council, 1924-. Fellow A. A. A. S. Served in U. S. Army, 1918-9. *Auth.*: (with A. W. Gilbert and Daniel Dean) The Potato, 1917. (Potato diseases). —*b.* Forestville, N. Y., Mar. 17, 1879; *s.* Orrin Mortier and Nettie E. (Fuller) B.; reared on farm; *m.* Della Wintrode, Sept. 17, 1910; *c.* Elizabeth Ann, Benjamin W., Mortier F., Merton S. B.A., Wabash Coll., 1908; Ph.D., Cornell Univ., 1911. Phi Beta Kappa; Sigma Xi; Gamma Alpha.

Barss, Alden Forrest, assoc. prof. hort., Univ. B. C., Vancouver, B. C.

Res. asst. hort., Ore. Agr. Coll., 1914-7; asst. prof. pom., 1918; present position, 1918; acting head dept., 1920-. —*b.* Hoosick, N. Y., Mar. 29, 1888; *s.* Walter and Mary (Phillips) B.; reared in city; *m.* Emily Malcomson, Jan. 1, 1915; *c.* Walter Malcomson, Ruth Emily, Elizabeth Mary. A.B., Univ. Rochester, 1910; B.S.A., Cornell Univ., 1912; M.S., Ore. Agr. Coll., 1914. Phi Beta Kappa; Alpha Delta Phi.

Barss, Howard Phillips, prof. bot. and plant path., Ore. Agr. Coll., Corvallis, Ore.

Austin teaching fellow in bot., Harvard Univ., 1909-10; instr. bot., Wash. State Coll., 1910-2; asst. prof. bot. and plant path., Ore. Agr. Coll., 1912-3; assoc. prof., 1913-5; prof., 1915-; bot. and plant path., Ore. Agr. Exp. Sta., 1915-. Pres. Pacific Div., Amer. Phytopath. Soc., 1917; fellow A. A. A. S.; commr. for West, War Emergency Bd., Amer. Plant Pathologists, 1918-; commr. for the West, adv. bd. Amer. Plant Pathologists, 1919; pres. Western Plant Protective Assoc., 1919-; chm. Conference Cereal Path. Amer., 1918. *Assoc. ed.*, Phytopathology, 1917-20. —*b.* Victoria, B. C., Apr. 20, 1885 (naturalized in 1906); *s.* Walter and Mary Fidelia (Phillips) B.; reared in city; *m.* Laura A. Hawks, June 29, 1911; *c.* Richard Hawks, Roger Phillips, Theodore Parker. A.B., Univ. Rochester, 1907; M.S., Harvard Univ., 1909. Phi Beta Kappa; Alpha Delta Phi; Gamma Sigma Delta.

Bartel, Frank Octave, assoc. drainage engin., Agricultural Bldg., Raleigh, N. C.

Asst. engin. with R. B. Miller, Blue Earth, Minn., 1912-6; Jones & Curtis, Fairmont, Minn., 1916-7; with U. S. Dept. Agr., 1917-. Served with 1st Replacement Regt. Engin., 1918. —*b.* Blue Earth, Minn., July 15, 1893; *s.* J. P. and Octavia (Vesque) B.; reared in town; *m.* Amy Louise Edmester Lynde, Jan. 30, 1923; *c.* Marguerite Estelle. C.E., Notre Dame Univ., 1915.

Bartholomew, Elbert Thomas, assoc. plant path., Univ. Calif., Citrus Exp. Sta., Riverside, Calif.

Asst. bot., Kans. State Normal Coll., 1907-9; asst. prof., 1909-10; acting prof., summer 1911; fellow bot., Univ. Wis., 1910-1; instr., 1911-5; asst. prof., 1915-20; acting instr. bot., Leland Stanford Univ., 1917-8; present position, 1920-. —*b.* Stockton, Kans., Oct. 18, 1878; *s.* Elam and Rachel Isabelle (Montgomery) B.; reared on farm; *m.* Mary Lucille Keene, Aug. 5, 1916; *c.* Martha Lucille, Lois Jeanne. A.B., Kans. State

Normal Coll., 1909; Ph.D., Univ. Wis., 1914. Sigma Xi; Gamma Alpha.

Bartholomew, Harland, city planner, 712 Compton Bldg., St. Louis, Mo.

Lect. civic design, dept. lands. gard., Univ. Ill. Mem. bd. govs., Amer. Inst. City Planning. —*b.* Stoneham, Mass., Sept. 14, 1889; *s.* Aden L. and Harriet M. (Lewin) B.; reared on farm; *m.* Lillian Ruth Barton, Dec. 21, 1910; *c.* Herbert, Melvin. C.E., Rutgers Coll., 1911. Zeta Psi.

Bartlett, James Monroe, chem., Exp. Sta., Orono, Me.

Analytical chem., Penn. State Coll., 1883-5. —*b.* Litchfield, Me., Sept. 25, 1856; *s.* Jas. and Sarah Jane (Towne) B.; reared on farm; *m.* Sarah Caroline Pattangall, Dec. 2, 1889; *c.* Emily M., Louise, Edwin, Burton E., Frances D., Edmund H. B.S., Univ. Me., 1880; M.S., 1883. Phi Gamma Delta.

Bartlett, John W., prof. dairy husb., Rutgers Univ., New Brunswick, N. J.

Specialist dairy husb., Rutgers Coll., 1916-21; field sec. Holstein-Friesian Assoc., 1922; head dept. dairy husb., Rutgers Univ., 1922-. —*b.* Granville, N. Y., Aug. 1, 1891; *s.* David R. and Ida (Norton) B.; reared on farm; *m.* Ruth L. Stearns, Oct. 11, 1915; *c.* John W. Jr., Martha Elizabeth. B.S.A., Univ. Vt., 1914. Sigma Nu.

Bartlett, Oscar Christopher, state ent., Ariz. Comn. Agr. and Hort., Box 348, Phoenix, Ariz.

Asst. state ent., Ariz., 1912-20; field ent., 1920-3; state ent., 1923-. (Econ. ent. and cryptogamic bot.). —*b.* Westhampton, Mass., Apr. 1, 1883; *s.* Oscar Warner and Margaret (Whalen) B.; reared on farm; *m.* Lillian Maud Parsons, June 11, 1912. B.Sc., Mass. Agr. Coll., 1909; Ph.D., 1912. Alpha Sigma Phi.

Bartley, Hastings N., asst. ent., U. S. Dept. Agr., Silver Creek, N. Y.

Served in U. S. Navy, 1917-9. —*b.* Sandwich, Mass., Jan. 15, 1892; *s.* B. G. and Theodora (Newcomb) B.; reared in town; *m.* Ruth Talbot, Apr. 2, 1923; *c.* Hastings N. Jr. B.S., Mass. Agr. Coll., 1915.

Barton, Horace, prof. an. husb., Macdonald Coll., Que.

Asst. an. husb., Macdonald Coll., 1907-8; lect., 1908-10; prof., 1910-. Dir. E. Canada Live-Stock Assoc.; pres. Canadian Soc. Tech. Agrsts., 1922-4. Traveled in Europe, 1912. (An. husb., farm manag.). —*b.* Vankleek Hill, Ont., June 29, 1883; *s.* John M. and Margaret Ann (Allen) B.; reared on farm; *m.* Mabel Pauline Loveridge, July 23, 1912. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1907.

Bartoo, Eli R., teach. voc. agr., high-sch., Little Valley, N. Y.

b. Mills, Pa., Jan. 7, 1883; *s.* H. S. and Clara J. (Grover) B.; reared on farm; *m.* Mabel J. Carr, Aug. 28, 1907; *c.* Beatrice, Sterling. B.S., Alfred Univ., 1918.

Bascom, D. C., co. agrl. agt., Fort Collins, Colo.

Sec. Coll. Y. M. C. A., Fort Collins, Colo., 1910-2; agrl. agt., Logan Co., Colo., 1912-6; fieldman, Great Western Sugar Co., Sterling, Colo., 1916-8; agrl. agt. Larimer Co., 1918-. —*b.* Howard, Kans., Nov. 11, 1885; *s.* Samuel J. and Olive J. (Longley) B.; reared on farm; *m.* Alma M. Thompson, Aug. 23, 1911; *c.* Elizabeth May, Robt. Monroe. B.S., Kans. State Agr. Coll., 1910.

Bassett, Charles E., dir. field organization, N. Amer. Fruit Exchange, 90 West St., New York, N. Y.

Supt. schs., 7 yrs. Fruit-grower, Pennville, Mich., 1892-1913. Sec. Mich. State Hort. Soc., 1898-1913. Specialist in coop. organization, Bur. Markets, U. S. Dept. Agr., 1914-9. *Ed.,* Allegan Record and Fennville Herald, 21 yrs. —*b.* Allegan, Mich., June 4, 1864; *s.* Elisha B. and Anne (Lawrence) B.; reared in town and country; *m.* Carrie E. Kingsley, Sept. 1, 1892; *c.* Marcia. Mast. Hort. (hon.), Mich. Agr. Coll., 1912.

Bassett, L. B., assoc. prof. farm manag., Univ. Minn., University Farm, St. Paul, Minn.

b. LeSueur Co., Minn., Feb. 24, 1872; *s.* Edward N. and Hattie A.

(King) B.; reared on farm; *m.* Zoe A. Wells, Sept. 24, 1907; *c.* Gordon Wells, Murial, Marjorie Jean.

Batcheller, John Wesley, state pres. and sec. Nat. Bd. Farmers Educ. and Coop. Union of Amer., Mission Hill, S. D.

Farmer, S. D., 1901-. *Ed.,* Union Farmer, Yankton, S. D. —*b.* Yankton, S. D., Jan. 28, 1868; *s.* Chas. Wesley and Anna (Cummins) B.; reared on farm; *m.* Mary Bertha Reeder, Sept. 25, 1900; *c.* Geo. Reeder, Blanche Emma, John Cummins, Paul Alfred, Harry Harlan, Lewis Edward. B.Sc., Cornell Coll., 1897.

Batchelor, Ellen Margaret, asst. state home dem. leader, Kans. State Agr. Coll., Manhattan, Kans.

Superv. Kans. State Sch. for Deaf, Olathe, 1912-3; teach. home econ., high-sch., Edwardsville, 1913-5; manag. Municipal Canning Plant, summers, 1916-7; home dem. agt., Kansas City, 1917; dietitian, Base Hospital 28, A. E. F., 1918-9; home dem. agt., Atchison, 1919-20; present position, 1920-. —*b.* Wakefield, Kans., Aug. 13, 1891; *d.* H. W. and Margaret (Kerr) B.; reared on farm. B.S., Kans. State Agr. Coll., 1911.

Batchelor, Leon Dexter, prof. orchard manag., Univ. Calif., Riverside, Calif.

Asst. hort., Cornell Univ., 1907-10; prof. hort., Utah Agr. Coll., 1910-5; prof. plant-breeding, Univ. Calif., 1915-9; present position, 1919-. Mem. Utah Hort. Comn., 1910-5. Contributing ed., Better Fruit and Utah Farmer. (Walnut cult. and irrig. problems in orchard manag.). —*b.* W. Upton, Mass., May 8, 1884; *s.* Henry J. and Margaret Elizabeth (McCoomb) B.; reared on farm; *m.* Florence M. Brown, Sept. 4, 1912; *c.* Margaret Elizabeth, Martha Jane. B.S., N. H. A. & M. Coll., 1907; Ph.D., Cornell Univ., 1911. Kappa Sigma; Gamma Alpha; Alpha Zeta.

Bateman, Alfred H., teach. agr., high-sch., Lewisville, Ida.

Dir. agrl. res., Amalgamated Sugar Co., 1920-4. Served in U. S. Army, 1917-9. —*b.* Bloomington, Ida., Dec. 2, 1895; *s.* Alfred John and Clara (Hess) B.; reared on farm; *m.* Idella Van Orden, Mar. 14, 1923; *c.* Alfred Van Orden. B.S., Utah Agr. Coll., 1922; M.A., 1924. Phi Beta Rho.

Bateman, James Robert, supt. Panguitch Farm, Panguitch, Utah.

b. W. Jordan, Utah, Aug. 13, 1896; *s.* Jas. A. and Parylee (Pixton) B.; reared on farm; *m.* Rela McMullin, June 26, 1919; *c.* J. LaVar, Mack El-Ray, Alvah R. B.S., Utah Agr. Coll., 1920.

Bates, Erastus Newton, invest. in grain handling, U. S. Dept. Agr., 519 Post Office Bldg., Portland, Ore.

Instr. electrical engin., Mich. Agr. Coll., 1906-9; asst. engin., D. C. & Wm. B. Jackson, Boston, 1909-11; structural draftsman, Standard Oil Co., N. Y., 1911-2; instr. mech. engin., Penn. State Coll., 1912-6; asst. prof., 1916-8; present position, 1918-. —*b.* Dorr, Mich., Feb. 4, 1879; *s.* Erastus N. and Flora (Gilbert) B.; *m.* Cora L. Brown, 1910; *c.* Eleanor Brown. B.S., Mich. Agr. Coll., 1906; M.E., 1913. Pi Alpha Pi.

Bates, George Edward, asst. to vice-pres. for ind. development, Delaware and Hudson Co., Albany, N. Y.

b. Delaware Co., Pa., Aug. 13, 1874; *s.* Geo. and Sarah (Marshall) B.; reared in village; *m.* Mary H. Lamb, Sept. 1, 1897; *c.* Eva M., Emelina N. Grad. Drexel Inst., Philadelphia.

Bates, Harvey Chester, agrl. agt., Southern Railway System, 209 S. Railway Bldg., Atlanta, Ga.

Agrst. in chg. high-sch., Franklinton, La., 1911-3; present position, 1913-; live-stock market specialist, Ga., 1919. 2d Lieut. U. S. Army, 1918. —*b.* Inverness, Ala., Nov. 5, 1890; *s.* Chas. Columbus and Anna (Goodson) B.; reared in country; *m.* Anna Woodside, Nov. 5, 1924. B.S., Ala. Poly. Inst., 1911. Delta Sigma Phi.

Bates, John James, teach. voc. agr., high-sch., Yancey, Tex.

b. Limestone Co., Tex., July 25, 1887; *s.* Wm. David and Melvina (Ferril) B.; reared on farm; *m.* Emily

Herring, Aug. 12, 1906; *c.* Oran David, Aubrey Dash, Opal La Rue. Grad. Sam Houston Normal Coll.; student Tex. A. & M. Coll.

Batho, George Robert, ed. agrl. publications, Man. Dept. Agr., Winnipeg, Man.

Ed. Nor'-West Farmer, 1903-15; present position, 1916-; in chg. agrl. statistics for Man.; Provincial Weed Comnr. Ex-pres. Man. Hort. and For. Assoc. (Hort.). —*b.* Kenilworth, Ont., Feb. 13, 1873; *s.* Joseph and Mary Ann (Hayward) B.; reared on farm; *m.* Margaret Adeline Robertson, Oct. 6, 1903; *c.* Elgin R., Bruce.

Batten, E.T., supt. co. exp. sta., Holland, Va.

Asst. agron., Va. Exp. Sta., 1914; present position, 1914-. Sec.-treas. Nansemond Co. Farmers Union. —*b.* Smithfield, Va., Apr. 6, 1893; *s.* E. K. B.; reared on farm. B.S.A., Va. Poly. Inst.

Baty, Ray Don, instr. agr., Union Sch., Maryland, N. Y.

Instr. agr., high-sch., Gilbertsville, N. Y., 1915-6; princ. and agrl. instr., Westford, 1918-23; Maryland, 1923-. —*b.* Vestal, N. Y., Sept. 3, 1889; *s.* Harry Lee and Minnie (Gates) B.; reared on farm; *m.* Beatrice M. Ellithorp, Dec. 27, 1915; *c.* Ruth Dorothy, Lois Esther, Ray Don, Allen Lee, Eleanor Mabel. B.S., Cornell Univ., 1915.

Bauder, Harry Devoe, farmer, Ashland Stock Farm, Fort Plain, N. Y.

Asst. dairy dept., Cornell Univ., 1915-6; instr. agr., high-sch., Ft. Plain, N. Y., 1916-8; instr. agr., State Sch. Agr., Cobleskill, N. Y., 1918-22. Dir. Farmers and Mechanics Bank, Ft. Plain. (Dairying). —*b.* Ft. Plain, N. Y., May 28, 1890; *s.* Frank W. and DeMeetra Estell (Devoe) B.; reared on farm. B.S., Cornell Univ., 1914. Phi Delta Sigma.

Bauknight, Lucious Meynardie, teach. voc. agr., high-sch., Easley, S. C.

Teach. Cokesberry Conference Sch., 1904-16; teach. agr., high-sch., Latta, S. C., 1917-9; present position, 1919-. Organizer co. coop. assoc. and fairs. —*b.* Columbia, S. C., Aug. 13, 1878; *s.* Geo. Lucious and Mary Alice B. B.A., Newberry Coll., 1904; M.A., 1906.

Baumeister, George Frederick, co. agrl. agt., Freeport, Ill.

Princ. graded sch., Wis., 1910-2; instr. agr. and biol., William and Vashti Coll., 1914-8. —*b.* Boscobel, Wis., June 2, 1889; *s.* David and Maggie (Campbell) B.; reared on farm; *m.* Helen Gillette, Aug. 1, 1915. B.S., Univ. Wis., 1914. Alpha Zeta.

Bausman, Robert Otis, co. agrl. agt., Newark, Del.

Asst. ext., Purdue Univ., 1914-5; manag. govt. farm, Marion, Ind., 1916-7. —*b.* Dayton, Ind., July 3, 1891; *s.* Andrew and Martha B.; reared on farm. B.S.A., Purdue Univ., 1914. Alpha Gamma Rho.

Baxter, Samuel G., co. agrl. agt., Mt. Pleasant, Ia.

Stockman, Waterloo, Ia., 6 yrs.; N. D., 7 yrs. (An. husb.). —*b.* Princeton, Ia., Jan. 14, 1882; *s.* John and Frances (McConnell) B.; reared in town; *m.* Lola R. Brown, Aug. 29, 1910. Student Ia. State Coll., 3 yrs.

Baxter, William Charles, instr. agr., high-sch., Newtown, Conn.

b. Buffalo, N. Y., July 30, 1901; *s.* Henry and Harriet (Ruehl) B.; reared on farm; *m.* Dorothea Oestmann, Apr. 21, 1924. B.S., Conn. Agr. Coll., 1923.

Bayard, Edwin Stanton, ed. National Stockman and Farmer, Pittsburgh, Pa.

Present position, 1895-. Pres. Penn. Breeders and Dairymens Assoc. —*b.* near Kingston, O., Dec. 13, 1867; *s.* Samuel Peter and Martha E. (Lutz) B.; reared on farm; *m.* Mary Virginia Kerr, 1903; *c.* Samuel Preston.

Bayfield, Edward Geoffrey, agron., Provincial Sch. of Agr., Claresholm, Alta.

Asst. irrigationist, Canadian Pacific Ry., 1920-2; dir. experimental area and lect. field husb., soils and hort., Provincial Sch. of Agr., Claresholm, 1924-. —*b.* Annapolis Royal, N. S., Jan. 24, 1900; *s.* G. E. and Anne C. (Hyndman)

B.; reared in city. B.S.A., Univ. Alta., 1923; M.S.A., McGill Univ., 1924.

Bayles, Burton Bernard, jr. agron., Off. Cereal Invests., U. S. Dept. Agr., Moro, Ore.

Private Tank Corps, U. S. Army, 1918. (Plant-breeding). —*b.* Manhattan, Kans., Jan. 10, 1900; *s.* Benj. B. and Ella (Cowell) B.; reared on farm; *m.* Clara June Numbers, Apr. 14, 1923. B.S.A., Kans. State Agr. Coll., 1922. Alpha Zeta; Gamma Sigma Delta.

Bayles, John Jasper, supt. Toyah Valley Exp. Sta., Balmorhea, Tex.

Asst. agron., Garden City Exp. Sta., Kans., 1916-7; agrst., Frisco R. R., 1917-8; supt. Colby Exp. Sta., Kans., 1918-21; agron. ext. div., Kans. State Agr. Coll., 1921-2; present position, 1922-. (Farm crops). —*b.* Riley Co., Kans., Nov. 13, 1890; *s.* Ben Bolton and Julia (Cowell) B.; reared on farm; *m.* Eunice Keyes, May 12, 1917; *c.* Lawrence Gordon, Geo. Vincent, John Jr. B.S.A., Kans. State Agr. Coll., 1915.

Baysinger, Walter George, teach. voc. agr., high-sch., Arcola, Ill.

Served in Med. Corps, U. S. Army, World War. —*b.* Aurora, Ill., May 5, 1896; *s.* Chas. M. and Clara M. (Hendricker) B.; reared on farm; *m.* Ellen M. Modisett, June 29, 1922. B.S., Univ. Ill., 1919; M.S., 1920. Alpha Zeta.

Beach, Bernie F., asst. sec. Mich. Milk Producers Assoc., 707 Owen Bldg., Detroit, Mich.

Formerly co. agrl. agt., Hart, Mich. —*b.* Millington, Mich., Nov. 28, 1891; *s.* Frank E. and Carrie E. (Bostick) B.; reared on farm; *m.* Lorena M. Fuller, Aug. 21, 1916. B.S., Mich. Agr. Coll., 1915.

Beach, Charles Lewis, pres. Conn. Agr. Coll., Storrs, Conn.

Instr. dairying, Conn. Agr. Coll., 1896-1906; prof. dairying, Univ. Vt., 1906-8; present position, 1908-. —*b.* Whitewater, Wis., Apr. 6, 1866; *s.* Chas. R. and Mary Jennette (Lewis) B.; reared on farm; *m.* E. Louise Crombie, 1896. B.S., Univ. Wis., 1886.

Beach, Frank H., asst. prof. hort., Ohio State Univ., Columbus, O.

Instr. hort., Purdue Univ., 1915-6; hort. ext., 1916-7; present position, 1918-. Sec. O. State Hort. Soc. Private, Coast Art. Corps, 1918. Hort. ed., National Stockman and Farmer. (Orcharding). —*b.* Geneva, N. Y., July 6, 1893; *s.* S. A. and Norma (Hainer) B.; reared in town; *m.* Lucile H. Logan, 1919. B.S., Ia. State Coll., 1915. Sigma Nu; Alpha Zeta; Phi Kappa Phi.

Beach, John B., nurseryman, W. Palm Beach, Fla.

Nurseryman, Melbourne, Fla., 1885-95; W. Palm Beach, 1895-, specializing in trop. fruits, mangos and avocados. Pres. Fla. Banana Growers Assoc., 1922-3. —*b.* Rome, N. Y., May 5, 1866; *s.* Bloomfield Jarvis and Frances (Whittemore) B.; reared in city; *m.* Annie Bacon, 1895; *c.* Stafford Bacon, John B.

Beach, Spencer Ambrose, prof. hort., vice-dean agr., Ia. State Coll., Ames, Ia.; Sept. 15, 1860-Nov. 2, 1922. See Rus 1920.

Beach, Walter Spurgeon, assoc. prof. plant path., Penn. State Coll., Bustleton Sta., Philadelphia, Pa.

Instr. plant path., Penn. State Coll., 1918-9; asst. prof., 1919-23; assoc. prof., 1923-. —*b.* Browntown, Minn., Jan. 24, 1890; *s.* S. S. and Clara M. (Hoffman) B.; reared on farm; *m.* Margaret Josephine Miller, Sept. 25, 1918; *c.* Marguerite Cordelia, Walter Joseph. B.S., Univ. Minn., 1914; M.S., Mich. Agr. Coll., 1915; Ph.D., Univ. Ill., 1918. Sigma Xi.

Beal, Alvin Casey, prof. flor., Cornell Univ., Ithaca, N. Y.

Foreman hort. dept., Ill. Exp. Sta., 1898-9; foreman agrl. greenhouses, 1900-1; asst. hort., 1901-2; asst. flor., 1902-3; instr. flor., 1903-8; first asst. flor., 1908-9; grad. asst. flor., Cornell Univ., 1909-10; asst. prof., 1911-3; prof., 1913-. Sec. Ill. State Florists Assoc., 1908; sec. Amer. Gladiolus Soc., 1917-24; chm. com. on flor. courses, Soc. Hort. Sci., 1913-4; bot., Soc. Amer. Florists, 1912, 1913. Fellow A.

A. A. S. Brev. Capt. Ill. Nat. Guard. (Research with roses, gladioli, iris, peony and sweet pea). —*b.* Mt. Vernon, Ill., Nov. 30, 1872; *s.* Lewis N. and Sarah M. (Casey) B.; reared on farm; *m.* Ervilla B. LeFevre, Dec. 31, 1899; *c.* Elizabeth. B.S., Univ. Ill., 1897; M.S.A., Cornell Univ., 1903; Ph.D., 1911. Sigma Xi; Pi Alpha Xi.

Beal, John Mann, prof. bot. and for., Miss. A. & M. Coll., Agricultural College, Miss.

Instr. bot., Miss. A. & M. Coll., 1911-3; asst. prof., 1913-5; prof. bot. and for., 1915-. (Plant path.). —*b.* Rocky Mt., N. C., Apr. 18, 1888; *s.* John C. and Mary Caroline (Edwards) B.: reared on farm; *m.* Anna McBee, June 3, 1914; *c.* John M. Jr. B.S., N. C. A. & E. Coll., 1911; M.S., Miss. A. & M. Coll., 1913. Alpha Zeta; Kappa Alpha.

Beal, Theo. M., co. agrl. agt., Bucyrus, O.

Farmer, Westerville, O., 1917-9; herdsman, Corwin Farms Co., Rock Valley, Ia., 1920; agrl. agt. Crawford Co., 1920-. (Dairy). —*b.* Westerville, O., May 20, 1894; *s.* Wm. C. and Jennie (Marston) B.; reared in town; *m.* Pauline Watts, Apr. 1, 1916; *c.* Betty, Ruth, Carrol. B.S., Ohio State Univ., 1917. Phi Gamma Delta.

Beal, Walter Henry, asst. chief adminis. officer, Off. of Exp. Stations, U. S. Dept. Agr., Washington, D. C.

Asst. chem., Mass. Exp. Sta., 1887-91; specialist in agrl. res. and editorial work, U. S. Dept. Agr., 1891-. Fellow A. A. A. S. Del. from U. S. Dept. Agr. to Intern. Congress of Agr., Liege, Belgium, 1905. —*b.* Hanover Co., Va., Dec. 9, 1867; *s.* John and Charlotte (Ellett) B.; reared on farm; *m.* Eleanor Gilliss Ashby, Apr. 27, 1910; *c.* Walter H. Jr., Elizabeth Ashby, Anne Ashby, Wm. Ashby. A.B. and M.E., Va. Poly. Inst., 1886. Phi Delta Theta; Phi Kappa Phi.

Beale, Harry Glenn, general manag. and treas. Ohio Farm Bur. Serv. Co., Columbus, O.

Breeder and feeder beef cattle and Duroc-Jersey hogs, 1902-. Mem. exec. com. and treas. O. Farm Bur. Assoc.; treas. Farm Bur. Investment Serv. Co.; treas. O. Poultry Producers Assoc.; treas. O. Live Stock Producers Assoc.; treas. O. Cabbage Growers Assoc.; treas. O. Fruit Growers Assoc.; treas. Eastern States Co.; treas. Nat. Live Stock Producers Assoc.; pres. Pittsburg Producers Comn. Assoc. —*b.* Mt. Sterling, O., Aug. 14, 1881; *s.* Smith and Lilly (Thomas) B.; reared on farm; *m.* Stella Klever, Oct. 5, 1904; *c.* Mary Vivian. B.S.A., Ohio State Univ., 1902. Alpha Zeta.

Beam, Adam Leland, prof. dairy production, Penn. State Coll., State College, Pa.

Instr. dairy husb., Penn. State Coll., 1916-7; asst. prof., 1919-23; prof., 1924-. 2d Lieut., U. S. Army, 18 mos.; with A. E. F., 9 mos. —*b.* Kincaid, Kans., Feb. 26, 1891; *s.* J. Elwood and Minnie (Lee) B.; reared in town; *m.* Edith Faye Boggs, June 26, 1917; *c.* Richard Leland, Dorothy Faye, Robt. Elwood. B.S.A., Wash. State Coll., 1915; M.S., Penn. State Coll., 1916. Lambda Chi Alpha; Alpha Zeta.

Beamer, Russell Wagner, co. superv. agr., Allegheny Co., 595 Union Trust Bldg., Pittsburgh, Pa.

Dir. and superv. agr., Elders Ridge Voc. Sch., Elders Ridge, Pa., 1922-5. — *b.* Manor, Pa., Nov. 29, 1897; *s.* Henry G. and Mary S. (Wagner) B.; reared on farm and in town; *m.* Margaret A. Strunk, Oct. 22, 1921; *c.* Richard Kenneth. B.S., Penn. State Coll., 1920. Alpha Zeta.

Bean, Roy Perry, supt. Irrig. Branch Sta., Prosser, Wash.

b. DeSoto, Wis., Dec. 23, 1890; *s.* Fred P. and Louise (Slater) B.; reared on farm; *m.* Florence Hugill, Nov. 7, 1912. B.S.A., Univ. Wis., 1911. Kappa Phi Gamma.

Beane, Wilber E., instr. voc. agr., high-sch., Arcadia, O.

b. Darke Co., O., July 17, 1900; *s.* Orville and Minerva (Penny) B.; reared on farm. B.S., Ohio State Univ., 1924. Delta Kappa Theta.

Bear, Firman E., prof. and head dept. soils, Ohio State Univ., Columbus, O.

Instr. agrl. chem., Ohio State Univ., 1908-10; asst. prof., 1910-3; prof. soils and chg. soil invest., Univ. W. Va., 1914-6; present position, 1916-. Studied agrl. conditions in Europe, summer 1911. —*b.* Germantown, O., May 21, 1884; *s.* Ira F. and Emma (Harris) B.; reared on farm; *m.* Helen Judy, July 6, 1911; *c.* Firman E. Jr., Robt. J. B.S.A., Ohio State Univ., 1908; M.S., 1910; Ph.D., Univ. Wis., 1917. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon.

Beard, Ward Powers, instr. agr., high-sch., Brookings, S. D.

Instr. agr., high-sch., Mt. Carroll, Ill., 1915-8; present position, 1919-; asst. in chg. practice teaching in voc. agr., S. D. State Coll., 1921-. Pres. Voc. Agrl. Teach. of S. D., 1921-. Served in U. S. Navy, 1918. —*b.* Milledgeville, Ill., Aug. 8, 1892; *s.* Lewis C. and Ida E. (Fike) B.; reared in town; *m.* Marion E. Miller, Aug. 15, 1917. B.S.A., Univ. Ill., 1915. Alpha Zeta.

Beattie, James Herbert, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

With Bur. Ent., U. S. Dept. Agr., 1904-6; Bur. Soils, 1906-12; Bur. Plant Ind., 1912-. Contr. to Book of Rural Life. (Truck crops, veg. forcing, greenhouse construction, muck soil work). —*b.* Zanesville, O., June 4, 1882; *s.* Johnston and Mary (McCammon) B.; reared on farm; *m.* Susan Annetta Mohler, Dec. 26, 1906 (d. 1918); 2d, Maud Pearl Rock, Jan. 3, 1920; *c.* May, Isabelle, James M., Margaret. B.Sc., Ohio State Univ., 1904.

Beattie, Rolla Kent, path. in chg. foreign plant quarantines, Fed. Hort. Bd., U. S. Dept. Agr., Washington, D. C.

Teach. sci., high-sch., Leadville, Colo., 1896-7, Cheyenne, Wyo., 1898-9; instr. bot., Wash. State Coll., 1899-1903; acting prof. and head dept. bot. and zool., 1903-5; prof. and head dept. bot., 1905-12; for. path., Bur. Plant Ind., 1912-4; chief path. insp., Fed. Hort. Bd., 1914-9; insp. in chg., Mex. Border Port Insp., 1914-9; present position, 1919-. —*b.* Ashland, O., Jan. 14, 1875; *s.* James Alexander and Margaret Davidson (Benton) B.; reared in town; *m.* Rose Mozee, Aug. 15, 1900; *c.* Lois Beryl. A.B., Cotner Univ., 1895; B.Sc., Univ. Neb., 1896; M.A., 1898.

Beattie, William Renwick, ext. hort., Bur. Plant Ind., U. S. Dept. Agr., Bladensburg, Md.

Asst. bot., Ohio State Univ., 1896-8; asst. hort., U. S. Dept. Agr., 1899-1912; agrl. comnr., St. Louis Southwestern Ry. Lines, 1912-8; present position, 1918-. *Auth.*: Celery Culture. (Veg. crops). —*b.* Zanesville, O., Dec. 17, 1870; reared on farm. B.S., Ohio State Univ., 1894; M.S., 1897.

Beatty, George W., instr. agr., high-sch., Big Piney, Wyo.

Served in A. E. F.; awarded Victory Medal, Croix de Guerre, Medal Militaire, Distinguished Serv. Medal. Traveled around world five times. —*b.* Pittsburgh, Pa., Sept. 14, 1891; *s.* Harry and Margaret (Ford) B.; reared on farm; *m.* Alma Gilliland, May 1, 1924. B.S.A., Colo. Agr. Coll., 1923.

Beaty, Orren, co. agrl. agt., Lovington, N. Mex.

Asst. supt., E. Ore. Dry-Farming Substa., 1909-11; traveling agrl. agt., Sherman, Morrow and Gilliam cos., Ore., 1912; supt. Plateau Farming Co.'s ranches in Gilliam Co., Ore., 1913-4; agt., Wheeler Co., Ore., 1915; agrl. agt., Union Co., N. Mex., 1916-22; Lea Co., 1922-. *Ed.*, Union Co. Farmer-Stockman Exchange Bull. (Grain crops). —*b.* Mich., Mar. 27, 1883; *s.* Wm. and Mary Jane (Gould) B.; reared on farm; *m.* Edith Mason, May 5, 1917; *c.* Orren, Wm., Mary Margaret. B.S., Ore. Agr. Coll., 1909.

Beaudette, Fred Robert, asst. prof. poultry path., Rutgers Univ., New Brunswick, N. J.

Instr. bact., Kans. State Agr. Coll., 1919-21; asst. prof., 1921-3; present position, 1923-. —*b.* Wichita, Kans., Apr. 15, 1897; *s.* H. F. and C. M. (Leach) B.; reared in city; *m.* Velva Rader, Nov. 15, 1922. D.V.M., Kans. State Agr. Coll., 1915. Phi Delta Theta; Gamma Sigma Delta; Phi Kappa Phi.

Beaudoin, Edouard, prof. drawing and rural buildings, Agrl. Sch., St. Anne-de-la-Pocatiere, Que.

b. St. Elzéar de Beauce, Que., Feb. 21, 1890; *s.* Georges and Marie-Louise (Lacroix) B.; reared on farm. B.S., Laval Univ., 1914. Catholic priest.

Beaumont, Arthur Bishop, prof. and head dept. agron., Mass. Agr. Coll., Amherst, Mass.

Student asst. chem., Ky. State Univ., 1907-8; teach. sci., high-sch., North Bend, Ore., 1909-10; head dept. sci. and agr., Ore. Normal Sch., 1911-2; grad. asst., soil tech., Cornell Univ., 1913-7; assoc. prof. agron. and acting head dept., Mass. Agr. Coll., 1917-9; prof., 1919-. (Soils). —*b.* Waco, Tex., Jan. 21, 1887; *s.* Edgar S. and May (Wortham) B.; reared in country; *m.* Grace M. Davis, Sept. 17, 1914; *c.* Edgar S., Davis W., Helen E. B.S., Ky. State Univ., 1908; Ph.D., Cornell Univ., 1918. Sigma Xi; Acacia; Phi Kappa Phi.

Beavers, James Claudius, farmer and poultryman, Guilford College, N. C.

Supt. test farm, N. C. Dept. Agr., June-Dec. 1906; agrst., Off. Farm Manag., 1907-11; assoc. soils and crops ext., Purdue Univ., 1911-8. —*b.* Chatham Co., N. C., Oct. 11, 1878; *s.* John Westley and Flora Elizabeth (Horton) B.; reared on farm; *m.* Mary Loula Graham, Nov. 6, 1906; *c.* Clara, Anna, Loula, James C. Jr., Leonard Horton, Bernice. B.Agr., N. C. A. & E. Coll., 1906.

Bebermeyer, Paul, instr. voc. agr., high-sch., Unionville, Mo.

b. Hamilton, Mo., Oct. 20, 1896; *s.* Henry C. and Lucy (Ullmer) B.; reared on farm; *m.* Blanche Alnetta Porter, Dec. 25, 1923. B.S.A., Univ. Mo., 1923; M.A., 1923. Alpha Zeta; Gamma Sigma Delta.

Bechdel, Samuel Irvin, prof. dairy production, Penn. State Coll., State College, Pa.

Dairy ext. rep. in Ala. for U. S. Dept. Agr., 1911-3; Dairy Div., U. S. Dept. Agr., May-Dec. 1913; instr. dairy husb., Penn. State Coll., 1913-7; asst. prof., 1917-9; assoc. to prof., 1919-. —*b.* Blanchard, Pa., July 9, 1886; *s.* David S. and Ida M. (Traister) B.; reared on farm; *m.* Annie M. Myers, June 26, 1912; *c.* Carl Edwin, Rachel May, Wayne Reuben. B.S., Penn. State Coll., 1911; M.S., 1916. Phi Kappa Phi.

Bechtel, John Reiff, asst. general manag. salting house districts, H. J. Heinz Co., Grand Rapids, Mich.

Asst. hort., Penn. State Coll., 1913-4; instr., 1914-7; asst. prof. veg. gard., 1917-9; market gard., Wilkes-Barre, Pa., 1919-21; asst. prof. veg. gard. ext., Cornell Univ., 1921; present position, 1922-. Sec. Penn. Veg. Growers Assoc., 1914-8. —*b.* Royersford, Pa., Dec. 28, 1886; *s.* John I. and Martha (Reiff) B.; reared on farm; *m.* Zelma Jane Bartow, June 13, 1913; *c.* Jane Bartow, John Edward, Marjorie Ann. B.S., Penn. State Coll., 1913; M.S., 1917. Phi Kappa Phi.

Beck, James Ralph, co. agrl. agt., Toledo, Ore.

Agrl. agt. Pacific Co., Wash., 2½ yrs. —*b.* Kalispel, Mont., Aug. 23, 1896; *s.* Logan and Elizabeth B.; reared on farm; *m.* Ruth Evelyn Young, Oct. 7, 1920; *c.* Barbara Ann, Jas. Jr. B.S., Ore. Agr. Coll., 1920. Alpha Tau Omega; Alpha Zeta.

Becker, George Grover, prof. ent., Univ. Ark., Fayetteville, Ark.

Instr. and asst. ent., Univ. Ark., 1910-3; asst. prof. and ent., Exp. Sta., 1913-8; prof., 1918-; state ent., 1913-7; chief insp., State Plant Bd., 1919-. In U. S. Navy, 1918-9. —*b.* Baltimore, Md., Feb. 2, 1889; *s.* Chas. R. and Mary A. D. (Middendorf) B.; reared in city, farm in summers. B.S., Md. Agr. Coll., 1908; B.S.A., Cornell Univ., 1910.

Becker, Howard Goldsborough, co. agrl. agt., Belmont, N. Y.

Asst. agrl. agt., Alleghany Co., 1923; co. agt., 1924-. Served in U. S. Navy, World War. —*b.* Gowanda, N. Y., Apr. 17, 1896; *s.* Clarence J. and Maude Babcock (Inman) B.; reared on farm. B.S., Cornell Univ., 1923. Theta Alpha.

Becker, Joseph Aloysius, agrl. statistician, Div. Crop and Live Stock Estimates, U. S. Dept. Agr., Washington, D. C.

Asst. agrl. econ., Univ. Wis., 1915-7; farm help specialist for Wis., U. S Off. Farm Manag., 1917-8; field agt., U. S. Bur. Crop Estimates, in O., 1918, in Wis. and statistician, Wis. State Dept. Agr., 1919-22; present position, 1923-. Sergeant-Major, U. S. Army, 1918. —*b.* Hurley, Wis., Feb. 18, 1891; *s.* Jacob and Martina (Herbert) B.; reared on farm; *m.* M. Donna Downs, Apr. 30, 1918; *c.* Michael J., Mary D., Frances A., David. B.S.A., Univ. Wis., 1914; M.S., 1916. Alpha Zeta.

Beckett, Samuel H., assoc. prof. irrig. invests. and practice, Univ. Calif., Davis, Calif.

Sci. asst., U. S. Dept. Agr., 1908-10; irrig. engin., 1910-4; instr. irrig. invests. and practice, Univ. Calif., 1912-4; asst. prof., 1914-7; assoc. prof., 1917-. 1st Lieut. Engin., U. S. Army, 1918. —*b.* Garden Grove, Calif., Sept. 19, 1883; *s.* Wm. A. and Minnie (Kline) B.; reared on farm; *m.* Lois M. Plant, Dec. 12, 1911. B.S., Univ. Calif., 1909. Sigma Pi; Alpha Zeta.

Beckman, Frederick William, prof. agrl. journalism and ed. bulletins, Ia. State Coll., Ames, Ia.

City ed., Sioux City Journal, Ia., 1902; ed. Council Bluffs Daily Nonpareil, 1902-3; manag. ed., Des Moines Register & Leader, 1903-9; ed. Sunday Magazine Syndicate, 1909-10; assoc. ed., Des Moines Register & Leader, 1910-1; instr. agrl. journalism, Ia. State Coll., 1911-2; prof., 1912-; ed. publications, Ia. Exp. Sta., 1911-. Pres. Amer. Assoc. Agr. Coll. Editors, 1916; adv. Amer. Assoc. Agr. Coll. Mag., 1915-; mem. state exec. com., Ia. Y. M. C. A., 1914-; pres. Amer. Assoc. Teachers of Journalism, 1923-4; pres. Ia. Assoc. Teachers of English, 1924. Enlisted Army Y. M. C. A. work, 1918; mem. Army ed. corps, A. E. F., 1919; sec. Agrl. Coll. faculty, A. E. F. Univ., Beaune, France, 1919; ext. work with A. E. F. Univ. in France and Germany, 1919. —*b.* Clayton, Ia., Sept. 5, 1873; *s.* Herman F. and Louise (Kurdlemeyer) B.; reared in village and on farm; *m.* Anna McCullough, June 18, 1901; *c.* Richard W., Elizabeth Louise. Ph.B., Univ. Ia., 1897. Phi Kappa Phi; Alpha Zeta; Delta Sigma Rho; Sigma Delta Chi (hon. nat. pres., 1921-2).

Beckwith, Theodore Day, bact., Univ. Calif., Berkeley, Calif.

Sci. asst., U. S. Dept. Agr., 1904-7; bact., N. D. Agr. Coll. and Exp. Sta., 1907-11; bact., Ore. Agr. Coll. and Exp. Sta., 1911-9; present position, 1920-. Capt. Sanitary Corps, 1918. Fellow A.A.A. S. Part owner fruit farm. —*b.* Utica, N. Y., Dec. 8, 1879; *s.* Theodore Geo. and Jane Sophia (Day) B.; reared in town; *m.* Cornelia Maria Lyon, June 14, 1910; *c.* Josephine Day, Jane Crosby, Stephen Lyon, Theodore D. Jr. B. S., Hamilton Coll., 1904; M.S., 1907; Ph.D., Univ. Calif., 1920. Phi Beta Kappa; Sigma Xi; Alpha Zeta.

Becraft, Raymond J., asst. prof. range manag., Utah Agr. Coll., Logan, Utah.

Grazing expert, U. S. For. Serv., summers 1913-6; grazing examiner, 1917-8. Traveled Europe, 1908-11. —*b.* Ogden, Utah, Mar. 16, 1890; *s.* Wm. and Nellie (Quibell) B.; reared on farm and in city; *m.* Ireta Harris, Dec. 24, 1919; *c.* Raymond Harris, Marian. B.S., Utah Agr. Coll., 1917; M.S., Ia. State Coll., 1923. Gamma Sigma Delta; Phi Kappa Phi; Pi Zeta Pi.

Bedford, Scott E. William, assoc. prof. sociol., Univ. Chicago, Chicago, Ill.

Princ. acad., Baker Univ., 1902-3 and prof. hist.; prof. sociol., Miami Univ., 1907-10; asst. prof., Univ. Chicago, 1910-6; assoc. prof., 1916-. Sec.-treas. Amer. Sociol. Soc., 1918-. *Auth.*: Labor Legislation in Kansas, 1905; Modern Cities, 1912. Editorial bd., Amer. Journal of Sociology. Traveled in Europe. (Municipal and rural sociol.). —*b.* Winterset, Ia., Mar. 8, 1876; *s.* Winfield S. and Jennie (Wilmore) B.; reared in town. A.B., Baker Univ., 1902; A.M., 1903; L.H.D., Univ. Vt., 1911; grad. work, Univ. Chicago, 1903-7. Delta Tau Delta.

Bedingfield, Charles H., practice teach. agrl. educ., Ala. Poly. Inst., Auburn, Ala.

Instr. voc. agr., high-sch., Rogersville, Ala., 1920-3; present position, 1923-. Private Inf., U. S. Army, 1918-9. —*b.* Rogersville, Ala., May 3, 1893; *s.* A. J. and Betty (Colbert) B.; reared on farm; *m.* Ollie Peete, 1922; *c.* Doris Ruth. B.S., Ala. Poly. Inst., 1920. Alpha Gamma Rho.

Beeler, Maxwell Newton, assoc. ed. Kansas Farmer, Topeka, Kans.

Agrl. ed., Univ. Fla., 1915-6; Univ. Mo., 1916-8; ed. Farmer and Stockman, Kansas City, 1918-22; assoc. ed. Iowa Homestead, 1918-22; ed. Kansas Homestead, Topeka, 1922; dairy and livestock ed. Capper Farm Press, 1923-. Mem Kans. Egg Marketing Com., 1923; mem. Fla. Acad. Sci. —*b.* near Rockport, Ind., Oct. 16, 1888; *s.* Newton Marion and Susan Amanda (Greathouse) B.; reared on farm; *m.* Mary H. Springer, May 22, 1915; *c.* Robt. Sidney, Richard Maxwell, Ruth. B. Journalism, Univ. Mo., 1914; B.S.A., 1915; M.S., Kans. State Agr. Coll., 1924. Phi Kappa Phi; Sigma Delta Chi.

Beeler, Orie W., co. agrl. agt., Boone, Ia.

Instr. and princ. public schs., Tipton, Ia., 1916-7; agrl. agt. Boone Co., 1917-. —*b.* Mankato, Kans., Sept. 28, 1893; *s.* Douglas and Cynthia (White) B.; reared on farm; *m.* Louise E. Moffatt, June 25, 1919; *c.* Byron, Bradford. B.S., Kans. State Agr. Coll., 1916. Sigma Nu.

Behrends, Frederick Gardner, ext., prof. rural engin., Cornell Univ., Ithaca, N. Y.

Asst. agrl. teach., high-sch., Alden, N. Y., 1915; instr. agr., summer 1916; instr. rural engin., Cornell Univ., 1916; supt. farm mach., State Food Comn., Albany, 1917; asst. ext. prof. rural engin., Cornell Univ., 1919-23; ext. prof. 1923-. *Auth.:* (with W. E. Crane) Exercises in Poultry Husbandry for High Schools, 1916; (with B. B. Robb) Farm Engineering, 1924. —*b.* Buffalo, N. Y., Feb. 23, 1894; *s.* Jesse H. and Caroline M. (Williams) B.; reared on farm and in city; *m.* Vida M. Milks, Jan. 5, 1918. B.S., Cornell Univ., 1916. Alpha Zeta.

Behrens, Charles August, prof. bact., Purdue Univ., La Fayette, Ind.

Instr. bact., Univ. Mich., 1910-4; present position, 1914-. 1st Lieut., Sanitary Corps, U. S. Army. (Bact. and protozool.). —*b.* Grand Rapids, Mich., Jan. 5, 1885; *s.* August C. and Anna D. (Bornemann) B.; reared in town. B.S., Univ. Mich., 1909; M.S., 1910; Ph.D., 1913. Sigma Xi.

Beier, Herbert H., assoc. dairy husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Formerly co. agrl. agt., Coeur d'Alene, Ida. —*b.* Council, Ida., June 15, 1891; *s.* Fred W. and Amelia (Snow) B.; reared on farm; *m.* Dorothy Addy, Sept. 10, 1918. B.S.A., Univ. Ida., 1915. Beta Theta Pi.

Belden, William S., meteorologist, U. S. Weather Bur., St. Joseph, Mo.

Aerial observer, Weather Bur., Dodge City, Kans., summer 1898; asst. observer, Kansas City, Mo., 1899; sect. dir. in chg. Miss. Sect., 1900-10; chg. Weather Observatory, St. Joseph, 1910-. —*b.* Honey Creek, Wis., Apr. 9, 1869; *s.* Squire C. and Jennie (Cottrell) B.; reared on farm; *m.* Lillian C. Elliott, July 21, 1897; *c.* Elliott S., Gail C. B.S., Washburn Coll., Topeka Kans., 1895; grad. student, Univ. Chicago, 1896.

Bell, Floyd Wayne, prof. an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Instr. an. husb., Tex. A. & M. Coll., 1912-3; asst. prof., 1913-4; assoc. prof., 1914-8; present position, 1918-. Sec. Kans. State Livestock Registry Bd., 1918-; sec. Kans. Horse Breeders Assoc., 1918-; sec. Tex. Horse Breeders Assoc., 1915-8. (Beef cattle, horses). —*b.* Rome, N. Y., Oct. 23, 1887; *s.* Geo. H. and Ida A. (Risley) B.; reared on farm; *m.* Mildred Frances Dudley, Sept. 10, 1913; *c.* Dorothy Jane. B.S.A., Cornell Univ., 1911; grad. student Ohio State Univ., 1911-2. Alpha Zeta.

Bell, George Arthur, sr. an. husb., Remount Serv., U. S. War Dept., Sacramento, Calif.

Live-stock farmer and poultryman, Rome, N. Y., 5 yrs. Invest. live-stock

conditions in Europe for U. S. Govt., 1919. Mem. Nat. Guard, D. C., 1916-7; Capt., Remount Serv., U. S. Army, 1918. —*b.* Rome, N. Y., May 14, 1879; *s.* Geo. H. and Ida A. (Risley) B.; reared on farm. B.S.A., Cornell Univ., 1904. Alpha Zeta.

Bell, James Irwin, teach. voc. agr., high-sch., McLemoresville, Tenn.

b. Savannah, Tenn., May 24, 1900; *s.* W. F. and Lila (Irwin) B.; reared on farm. B.S.A., Univ. Tenn., 1923. Delta Tau Delta.

Bell, N. Eric, farm loan examiner for Jenison & Co., Inc., 113 Thorn Pl., Montgomery, Ala.

Asst. agrl. chem., Univ. Ill., 1906-7; Ala. Poly. Inst., 1907-10; chief surveyor and insp., Ala. Soil Survey, 1910-7; co. agrl. agt., Greenville, Ala., 1917-9; present position, 1920-. —*b.* Lenoir Co., N. C., Mar. 17, 1886; *s.* Jas. H. and Mary John (Rouse) B.; reared on farm and in small town; *m.* Lucile Wright, Apr. 18, 1911. B.S., N. C. A. & M. Coll., 1906; grad. in banking and finance, La Salle Ext. Univ., 1924.

Bell, Norman Frederick, farmer and breeder Aberdeen-Angus cattle, Islay, Alta.

Asst. plotman, Univ. Alta., 1916; Dominion Exp. Sta., Lacombe, Alta., 1917-8. Sec.-treas. Alta. Aberdeen-Angus Breeders Assoc., 1918-20. —*b.* Waverly, Ont., Apr. 13, 1891; *s.* John Jas. and Margaret (Copeland) B.; reared on farm; *m.* Mary E. Peacock, Jan. 21, 1919; *c.* Arthur Norman, Harold Copeland. B.S.A., Univ. Alta., 1919.

Bell, Robert Harry, asst. dir. agrl. ext., Penn. State Coll., State College, Pa.

Asst. hort., Penn. State Coll., 1910-1; practical work, 1911-2; asst. expl. pom., Penn. State Coll., 1912-4; agt., Lycoming Co., Pa., 1914-9; ext. fruit specialist, Penn. State Coll., 1919-20; asst. dir. agrl. ext., 1920-. (Fruit production). —*b.* Neff's Mills, Pa., Jan. 20, 1881; *s.* G. W. and Anna (Gettis) B.; reared on farm; *m.* Ethel I. Early, Apr. 15, 1913; *c.* Geo. Early, Margaret Ann, Wm. Gettis. B.S.A., Penn. State Coll., 1910. Alpha Zeta; Phi Kappa Phi.

Belt, Rupert Arthur, princ. high-sch. and teach. voc. agr., Tolu, Ky.

Princ. high-sch., Greenville, Ky., 1920-1; Fordsville, 1921-3; present position, 1923-. Served in World War. (Poultry husb.). —*b.* near Sheridan, Ky., Aug. 27, 1896; *s.* Geo. T. and Ritta A. (Weldon) B.; reared on farm; *m.* Fay E. Duvall, Sept. 10, 1919; *c.* Helen Elizabeth. B.S.A., Univ. Ky., 1920.

Belzile, J. Adhemar, asst. supt. Exp. Sta., La Ferme, Que.

Drainage surveyor, Que. Dept. Agr., 1914-5; cerealist, Cap Rouge Exp. Sta., 1915-7; asst. to supt., 1917-9; Kapuskasing, Ont., 1919; La Ferme, 1919-. Served in Canadian Army. —*b.* St. Fabien, Que., Oct. 24, 1894; *s.* L. de G. and Camille (Boucher) B.; reared on farm; *m.* Blanche Renouf, Aug. 9, 1920; *c.* Madeleine, Jacques, Andre. B.S.A., Laval Univ., 1913.

Bemies, Charles O., state superv. town and county survey, Interchurch World Movement, Brookings, S. D.

In Y.M.C.A. work, Burlington, Ia., 2 yrs.; teach. Y.M.C.A. Coll., Springfield, Mass., 1 yr., Mich. Agr. Coll. athletic coach, 2yrs.; country pastor, W. Pa., 2½ yrs.; pastor rural church, McClellandtown, Pa., 16 yrs. Community development and lect. reconstruction work in France, 1918-9; field lect., A.E.F. Univ., Beaune, France. —*b.* Northfield, Vt., Mar. 19, 1867; *s.* Jas. O. and Medora E. B.; reared in city; *m.* Lina Stracke, May, 1891 (d. 1913); 2d Madeleine S. Levy, Oct. 1918; *c.* Carl L., Clifton S. Geneva Coll., 1894; Theol. Sem., Pittsburgh, 1897; ordained Presbyterian minister, 1897; D.D., Geneva Coll., 1917.

Bemis, Kris Paul, sales manag. seed dept., Albert Miller & Co., Chicago, Ill.

Manag. Diehl Fruit Co., Honor, Mich., 1915-8; co. agrl. agt., W. Va., 1919-20; Mich., 1920-2; seed sales manag. Mich. Potato Growers Exchange, 1923-4. In U. S. Navy, 1918-9. (Hort.). —*b.* Carson City, Mich., July 17, 1892; *s.* Arthur L. and Sarah J. B.; reared in town and on farm; *m.* Hazel E. Warren, July 30, 1917; *c.* Robt. K. B.S., Mich. Agr. Coll., 1915.

Bender, Wilbur H., agrl. teach., 1415 25th St., Des Moines, Ia.

Teach. rural schs., O., 1881-3; princ. and supt. schs., Ia., 1886-9, 1890-3, 1895-7; dir. dept. of training in teaching, Ia. State Teach. Coll., 1897-1913; asst. prof. agrl. educ., Ia. State Coll., 1913-4; assoc. prof. agrl. educ., Univ. Minn., 1914-8; state dir. voc. educ. and superv. voc. agrl. educ., Ia., 1918-22; asst. prof. voc. educ., Ia. State Coll., 1923-. *Auth.*: The Teacher at Work, 1902; Geography of Iowa, 1908. —*b.* Williams Center, O., Apr. 15, 1860; *s.* Daniel and Nancy (Fisher) B.; *m.* Eva Tomlinson, Aug. 8, 1889; B.Di., Ia. State Normal Sch., 1886; M.Di., 1890; Ph.B., Univ. Ia., 1895; B.S. in Agrl. Educ., Ia. State Coll., 1914. Phi Beta Kappa; Gamma Sigma Delta.

Bendixen, Hans Adolf, assoc. prof. dairy manufactures, and asst. dairy husbandman, Univ. Ida., Moscow, Ida.

Asst. prof. dairy husb., Univ. Ida., 1920-3; present title, 1923-. Sec.-treas. Western div. Amer. Dairy Sci. Assoc., chm., 1924-. —*b.* Hamburg, Germany, Mar. 6, 1894 (naturalized 1915); *s.* Broder N. and Caroline (Frenssen) B.; reared in village; *m.* Ruth Locke, Aug. 1, 1923. B.S., Ia. State Coll., 1919; M.S., 1920. Phi Kappa Phi; Gamma Sigma Delta; Sigma Delta Chi.

Benedict, Murray Reed, prof. farm econ., S. D. State Coll., Brookings, and asst. comnr. agr., Pierre, S. D.

Agrl. instr., Boscobel, Wis., 1913-4; Aurora, Minn., 1916-7; asst. dairy husb., Univ. Ill., 1917-8; co. agrl. agt., Mankato, Minn., 1918-9; farm manag. dem., S. D. State Coll., 1919-20; sec. S. D. Farm Bur. Fed., 1921; present position, 1921-. —*b.* Neillsville, Wis., Jan. 23, 1892; *s.* Julius S. and Celia Ruth (Reed) B.; reared on farm; *m.* Elizabeth Tucker, Aug. 16, 1916; *c.* Bruce Tucker, Elizabeth Jean. B.Sc., Univ. Wis., 1916. Alpha Zeta.

Benford, Jesse James, teach. voc. agr., high-sch., Excel, Ala.

Teach. voc. agr. and princ. high-sch., Chipley, Ga., 1918-9; Roberta, Ga., 1919-22; Excel, Ala., 1922-. —*b.* Bowdon, Ga., June 12, 1895; *s.* J. E. H. and Ada (Brook) B.; reared on farm; *m.* Fannie Ruth Hardison, Aug. 3, 1921; *c.* Frances. B.A., Bowdon Coll., 1914; B.S.A., Univ. Ga., 1918. Alpha Zeta.

Bengston, Nels August, prof. geography and geol., Univ. Neb., Lincoln, Neb.

Princ. high-sch., St. Paul, Neb., 1902; instr. geography, Peru Normal Sch., 1904-6; assoc. prof. geography, Univ. Neb., 1908-16; present position, 1917-; assoc. dir. Neb. Soil Survey, 1913-8. Treas. Nat. Council of Geography Teachers, 1917-9; breadstuffs expert, War Trade Bd. 1918; U. S. Trade Commr. to Norway 1919; geologist, Honduras, 1920; Ecuador 1922. *Auth.*: Physical Geography Manual, 1912; The Wheat Industry, 1915; Norway: A Commercial and Industrial Handbook, 1920. —*b.* Morkhult, Sweden, May 22, 1879 (naturalized 1895); *s.* Aug. and Hannah (Johnson) B.; reared on farm; *m.* Iva Maxcy, June 14, 1902; *c.* Juanita L., Paulus A., Rowena V. A.B., Univ. Neb., 1907; A.M., 1908. Sigma Xi; Sigma Phi Epsilon.

Benjamin, Earl Whitney, sales manag. and treas., Pacific Egg Producers Cooperative, Inc., 178 Duane St., New York, N. Y.

Instr. poultry husb., Cornell Univ., 1912-4; asst. prof., 1915-8; prof., 1919-21; manag. M. Augenblick & Bro., Newark, N. J., 1922; present position, 1923-. *Auth.*: Marketing Poultry Products, 1923. —*b.* Almond, N. Y., Oct. 16, 1889; *s.* Olney T. and Ada B. (Whitney) B.; reared on farm; *m.* Eva I. Hollister, July 21, 1915; *c.* Roger Olney, Earl W. Jr., Barbara Jean. B.S.A., Cornell Univ., 1911; M.S.A., 1912; Ph.D., 1914. Sigma Xi; Alpha Gamma Rho.

Bennetch, Paul Bomberger, specialist marketing dairy products, Bur. Markets, N. J. Dept. Agr., Trenton, N. J.

Asst. dairy husb., Penn. State Coll., 1909-10; farm supt., Ellsworth, Pa., 1910-2; instr. an. husb., N. Y. State Sch. Agr., Canton, 1912-3; prof. dairy husb., W. Va. Univ., 1913-5; co. agrl. agt., Sussex Co., N. J., 1915-8; present position, 1918-. —*b.* Newmanstown,

Pa., Oct. 27, 1885; *s.* John H. and Eliza (Bomberger) B.; reared on farm; *m.* Elva Elizabeth Straley, Oct. 20, 1915. B.S.A., Penn. State Coll., 1909. Delta Upsilon; Alpha Zeta; Phi Kappa Phi.

Bennett, Edmund R., field hort., Univ. Ida., State House, Boise, Ida.

Asst. hort., Conn. Agr. Exp. Sta., 1903-6; asst. hort., Colo. Exp. Sta., 1906-9; hort., Colo. Agr. Coll., 1909-13; hort., C. R. I. & P. R. R., 1913-4; present position, 1916-. —*b.* Geneva, Mich., June 3, 1874; *s.* Roswell and Mary Jane (Hodges) B.; reared on farm; *m.* Anna B. Kiehm, Oct. 28, 1909. B.S., Mich. Agr. Coll., 1902; Mast. Hort., 1908.

Bennett, Frederick William, assoc. prof. dairy husb., Univ. Ga., Athens, Ga.

Dairy farmer, 1919-20; present position, 1920-. Served in U. S. Army, 1918. —*b.* Commerce, Ga., Apr. 13, 1900; *s.* Chas. Lester and Evie (Nix) B.; reared on farm; *m.* Lillian Mae Cate, Dec. 22, 1921; *c.* Robt. Lester. B.S.A., Univ. Ga., 1919. Alpha Zeta; Phi Kappa Phi.

Bennett, Hugh Hammond, soil sci. and insp. Southern Div., U. S. Soil Survey, Dept. Agr., Washington, D. C.

Farmer near Wadesboro, N. C., 10 yrs.; asst. chem., Univ. N. C., 2 yrs. Headed govt. exploring party to Alaska to report on agrl. possibilities of regions for locating govt. railroad; mem. com. to investigate conditions in Chugach Nat. For., Alaska; mem. com. sent to Panama by Pres. Taft; mem. Guatemala-Honduras Boundary Comn., 1919; in chg. soil invest. for U. S., Tex.-Okla. boundary dispute; soils mem. com. to Cent. and S. Amer. by Dept. Commerce to invest. possibilities rubber production, 1923-4. 1st Lieut. Engineers, U. S. Army, 1918-9; Capt. O. R. C. *Auth.*: The Soils and Agriculture of the Southern States. —*b.* Wadesboro, N. C., Apr. 15, 1881; *s.* W. O. and Rosa (Hammond) B.; reared on farm; *m.* Edna McCue, 1907 (d. 1909); 2d, Betty Virginia Brown, 1921; *c.* Sarah Edna, Hugh Hammond. B.S., Univ. N. C., 1903. Phi Delta Theta.

Bennett, Miriam Mack, home dem. agt., Woodstock, Ill.

Teach. Wiley Univ., Marshall, Tex., 1917-9; high-sch., Walnut, Ia., 1919-20; Keota, Ia., 1920-2; Calumet, Mich., 1923-4; present position, 1924-. —*b.* Clear Lake, Wis., Dec. 16, 1896; *d.* Harlow O. and Elinore (Mack) B.; reared on farm. B.S., Stout Inst., 1923.

Bennett, William Topley, co. agrl. agt., Griffin, Ga.

Farmer, 3 yrs. (Live-stock, especially Shorthorns). —*b.* Jefferson, Ga., May 10, 1891; *s.* Geo. D. and Effie (Jackson) B.; reared on farm; *m.* Annie N. Little, Nov. 24, 1915; *c.* Wm. T. Jr. B.S.A., Univ. Ga., 1913.

Bensend, Louis Adolf, teach. agr., high-sch., St. Croix Falls, Wis.

Farm manag., 1916-9; teach. agr., Chilton, 1919-21; present position, 1921-. —*b.* Whitehall, Wis., Sept. 25, 1894; *s.* Andrew and Elizabeth (Frederickson) B.; reared in town; *m.* Mabel Moe, Aug. 8, 1919; *s.* Mona Louise. B.S.A., Univ. Wis., 1916.

Benson, Edwin Freeland, agrl. development agt., N. Pacific Ry. Co., Seattle, Wash.

Farmer and stock-raiser, Wash., 1883-. Probate judge, Lincoln Co., 1884-7. Pres. Wash. Irrig. Inst., 1913-7; comnr. of agr. and pres. Wash. State Land Settlement Assoc., 1917-20; manag. dept. immig. and ind., N. Pacific Ry., 1920-3. Former pres. Wash. Live-stock Assoc., Wash. Hort. Assoc. —*b.* Swan's Isls., Me., Feb. 2, 1861; *s.* Freeland Howe and Elizabeth Hannah (Sadler) B.; reared in city and country; *m.* Effie F. Kimball, Dec. 16, 1884; *c.* Myra B. LL.B., Boston Univ., 1881, Lincoln Mem. Univ., 1922.

Benson, Henry Sylvester, co. agrl. agt., Vincennes, Ind.

Teach. voc. educ., Purdue Univ., 1916-7; agrl. agt. Sullivan Co., 1917-23; Knox Co., 1923-. (An. husb.). —*b.* Owensville, Ind., Mar. 18, 1894; *s.* Jas. E. and Viola K. B.; reared on farm; *m.* Beulah F. Knowles, Aug. 9, 1917. B.S., Purdue Univ., 1916. Lambda Chi Alpha.

Benson, Oscar Herman, agrst., lect., Swarthmore Chautauqua Assoc., Washington, D. C.

Teach. rural schs. in Ia., 2 yrs.; teach. and princ. town schs., 5 yrs.; supt. co. schs., 4 yrs.; in chg. boys and girls ext. work, U. S. Dept. Agr., Washington, 10 yrs.; dir. Jr. Achievement Bur., E. States League, 5 yrs. First pres. Nat. Conference of Ext. Educ. *Auth.*: Agriculture for Corn Belt States, 1916; Agriculture, 1915 (with Betts); Agriculture and the Farmer's Business, 1917; Home Canning and Food Thrift; Elements of Home Making and House Keeping (with Mrs. Sadie J. Benson), 1925. —*b.* Delhi, Ia., July 8, 1875; *s.* P. C. and Celia (Orthberg) B.; reared on farm; *m.* Sadie Jackson, July 30, 1902; *c.* Donald Dean, Margaret Irene, Elizabeth. Grad. Jr. Coll., Epworth Sem., Ia.; special courses at Ia. State Teach. Coll., Univ. Ia., Chicago Univ., Ia. State Coll., Moody Bible Inst., Chicago.

Bentley, Gordon Mansir, state ent. and assoc. prof. ent., Univ. Tenn., Knoxville, Tenn.

Prof. sci., Union Acad., Belleville, N. Y., 1901-4; instr. ent., N. C. A. & M. Coll., 1904-5; asst. ent., N. C. Exp. Sta. and asst. state ent., 1904-5; instr. zool. and ent., Univ. Tenn., 1905-7; asst. prof., 1907-9; state ent., 1909-; assoc. prof., 1914-. Fellow A. A. A. S.; mem. Tenn. Acad. Sci. Sec.-treas. Tenn. Hort. Soc.; sec.-treas. Tenn. State Nurserymens Assoc.; sec.-treas. Tenn. State Florists Assoc.; sec.-treas. Tenn. Beekeepers Assoc.; 3d vice-pres. Amer. Assoc. Econ. Ent. and permanent sec. apicultural sect.; pres. E. Tenn. Beekeepers Assoc.; sec. Cotton States Entomologists; collaborator Fed. Hort. Bd. —*b.* Great Barrington, Mass., Sept. 23, 1876; *s.* Chas. H. and Elvira (Mansir) B.; reared on farm and in town; *m.* Mary Catherine Elmore, June 12, 1912; *c.* Jaunita Louise, Edna Elvira. B.S.A., Cornell Univ., 1900; A.M., 1901. Sigma Xi; Gamma Alpha; Phi Kappa Phi; Beta Alpha Omega; Alpha Zeta.

Bentley, John Jr., prof. for. engin., Cornell Univ., Ithaca, N. Y.

With U. S. For. Serv., 1908-12; asst. prof. for., Cornell Univ., 1912-8; prof. for. engin., 1918-. *Auth.*: (with Recknagel) Forest Management, 1919. —*b.* Brooklyn, N. Y., June 8, 1880; *s.* John and Lizzie (Annin) B.; reared in city; *m.* Sue Hayward, Oct. 5, 1910; 2d, Maria Seguin. Mar. 8, 1924; *c.* Sue Hayward. B.S., Wesleyan Univ., 1904; M.F., Yale Univ., 1907. Phi Beta Kappa; Sigma Xi; Psi Upsilon.

Benton, Alva Hartley, head dept. marketing and rural finance, N. D. Agr. Coll., Agricultural College, N. D.

Asst. prof. farm manag., Univ. Minn., 1913-8; prof. farm manag. and rural econ., Man. Agr. Coll., 1918-22; present position, 1922-. *Auth.*: Family Account Book, 1915. —*b.* Mendon, O., Jan. 26, 1886; *s.* Chester Elias and Addie Caldwell (Snodgrass) B.; reared on farm; *m.* Alice Mitchamore, 1913; *c.* Robt. Hartley, Elizabeth Louise. B.S.A., Ohio State Univ., 1912; M.S., Penn. State Coll., 1913; Ph.D., Univ. Wis., 1921. Pi Kappa Alpha.

Benton, Harmon, co. agrl. agt., Amarillo, Tex.

Formerly dir. Exp. Sta., Uniontown, Ala.; asst. in chg. agron., Clemson Agr. Coll.; asst. agrst. in chg. farm manag., U. S. Dept. Agr.; chief agron., Cuban Exp. Sta.; ext. agron., Tex. A. & M. Coll.; agrl. agt. Oldham-Potter Co. (Agron.). —*b.* Alston, Ala., Dec. 26, 1867; *s.* Samuel E. and Martha E. B.; reared on farm; *m.* Margaret E. Hill, Nov. 14, 1900; *c.* Thos. Hill, Harmon Samuel. M.S., Ala. Poly. Inst.

Benton, Richard Horace, co. agrl. agt., Winnsboro, La.

Agrl. agt., Grant Parish, La., 1914-7; beef cattle specialist, La. State Univ., 1917; agrl. agt., W. Feliciana Parish, 1919; manag. Island Plantation, La. 1919-22; agrl. agt. Franklin Parish, 1923-. Sec. La. Hereford Breeders Assoc.; sec. W. Feliciana Fair Assoc. Served as private to 1st Lieut., U. S. Army, 1918-9. —*b.* Odessa, Mo., Mar. 20, 1892; *s.* Richard Higgins and Alice Lura (Johnson) B.; reared on farm; *m.* Eva May Ball, Feb. 29, 1920; *c.* Alice May. B.S.A., Univ. Mo., 1913.

Berckmans, Louis Alphonse, consulting hort., Augusta, Ga.

Peach-grower and farmer, 1876-. Traveled in Europe. —*b.* Plainfield, N. J., Mar. 31, 1857; *s.* Prosper Jules Alphonse and Mary (Craig) B.; reared in country; *m.* Anne Loretta McGloine, Nov. 15, 1916; *c.* Mary Alice. Grad. Richmond Acad., Augusta, Ga., 1875.

Berckmans, Prosper Jules Alphonse Jr., hort., Augusta, Ga.

Nurseryman, farmer and peach-grower, 1886-. Mem. bd. dirs., Ga. Fruit Exchange. —*b.* Augusta, Ga., June 27, 1866; *s.* Prosper Jules Alphonse and Mary (Craig) B.; reared in country; *m.* Sallie Bedle, Apr. 16, 1899. Grad. Univ. Ga. Sigma Alpha Epsilon.

Berckmans, Robert Craig, hort., fruit-grower and farmer, Macon, Ga.

Mem. Ga. State Bd. Ent.; pres. Ga. State Hort. Soc.; ex-pres. Amer. Assoc. Nurserymen; ex-pres. Ornamental Growers Assoc. of Amer.; ex-pres. Southern Assoc. Nurserymen; pres. Richmond Co. Agrl. Soc. Traveled in foreign countries. Retired officer Nat. Guard of Ga. (cavalry). —*b.* Augusta, Ga., July 3, 1863; *s.* Prosper Jules Alphonse and Mary (Craig) B.; reared on farm; *m.* Caroline Walker Horne, Apr. 29, 1905; *c.* Mary Craig, Annie Horne, Louis Alphonse, Caroline Horne. Grad. Univ. Ga., 1881. Sigma Alpha Epsilon.

Beresford, Rex, ext. prof. an. husb., Ia. State Coll., Ames, Ia.

Agrl. expert and publicity man for Avery Farm Machinery Co., 1911-2; field agt., Ia. Beef Producers Assoc., 1912-5; present position, 1915-. —*b.* Vinton, Ia., Dec. 18, 1885; *s.* Howard L. and Leah (Williams) B.; reared on farm; *m.* Mary Blodgett, 1912; *c.* Robt., Donald Rex, Bruce Comstock, Mary Ruth, Kenneth Chas. B.S., Ia. State Coll., 1911.

Berger, Alvin C., co. agrl. agt., Lebanon, Pa.

b. Bernville, Pa., Sept. 21, 1888; *s.* Morris C. and Rebecca (Seaman) B.; reared on farm. B.S., Penn. State Coll., 1917. Phi Kappa Phi.

Berger, Edward William, ent., State Plant Bd., Gainesville, Fla.

Prof. sci., Baldwin-Wallace, 1899-1901; teach. sci., Lincoln high-sch., Cleveland, O., 1901-2; private invest., 1902-5; ent. studies, Lake Lab. and Ohio State Univ., 1905-6; ent., Fla. Exp. Sta., 1906-11; state insp. nursery stock, Fla., 1911-5; prof. ent., Univ. Fla., 1911-5; ent., State Plant Bd. of Fla., 1915-. Winner silver medal, Royal Intern. Hort. Exhibition, London, 1912. Student invest. with Johns Hopkins exped. to Jamaica, 1897; Woods Hole, Mass., 1898; Beaufort, N. C., 1899. Fellow A.A.A.S. (Control of noxious insects, citrus insects, growing entomogenous fungi in pure cultures, raising and dristributing Australian lady beetle (Rhodalia cardinalis) for the control of cottony cushion scale., insecticides). —*b.* Berea, O., Nov. 29, 1869; *s.* Carl Gottlob and Christiane Pauline (Gellrich) B.; reared in country and town; *m.* Emily Agnes Mueller, June 25, 1903; *c.* Helen Margaret (adopted). A.B., Baldwin-Wallace, 1891; Ph.B., 1894; Ph.D., Johns Hopkins Univ., 1899. Sigma Xi; Phi Kappa Phi.

Bergh, Otto Ingman, supt. N. Cent. Exp. Sta., Univ. Minn., Grand Rapids, Minn.

Supt. public schs., Gary, Minn., 1902; Hendrum, Minn., 1906-9; dir. agr., Putnam High-Sch., Bemidji, 1911-2; agron., N. W. Sch., Crookston, 1912-4; present position, 1914-. Mem. Minn. State Land Improvement Comn., 1916-; chm. agrl. com., N. Minn. Development Assoc.; mem. exec. com., Minn. Farm Bur. Fed. Traveled in Europe, 1914, to study govt. exp. stas. —*b.* Westby, Wis., Oct. 5, 1877; *s.* Johannes J. and Karie C. (Hovde) B.; reared on farm; *m.* Frances Stark Hovey; *c.* Otto Hovey, Sarah Karina, Daniel Dustin. B.S.A., Univ. Wis., 1911. Acacia.

Bergstrom, C. H., co. agrl. agt., Mt. Vernon, Wash.

b. Slayton, Minn., Nov. 25, 1886; *s.* Chas and Hilda (Hokins) B.; reared on farm; *m.* Helen L. Brackett, May 28, 1913; *c.* Hilda-Jane, Margaret, Barbara, Kennett. B.S., Univ. Minn., 1909.

Berlovich, Harry I., ed. Dairymen's Price Reporter, 450 Century Bldg, Pittsburgh, Pa.

Ed. Milk Magazine, Waterloo, Ia.; editorial staff Journal-Stockman, Omaha; farm ed. Waterloo Evening Courier. —*b.* Des Moines, Ia., Apr. 30, 1899; *s.* Barney and Eva (Sumberg) B.; reared on farm. Student Ia. State Coll. Sigma Delta Chi.

Bernard, Luther Lee, assoc. prof. sociol., Univ. Minn., Minneapolis, Minn.

Instr. sci., Peirce City Baptist Coll., 1901-3; instr. ancient languages, Lamar Coll., Mo., 1903-5; fellow in sociol., Univ. Chicago, 1907-10; instr. sociol., Western Reserve Univ., 1910-1; prof. hist. and social sci., Univ. Fla., 1911-4; acting prof. and asst. prof. sociol., Univ. Mo., 1914-7; present position, 1917-. (Rural sociol.). —*b.* Russell Co., Ky., Oct. 29, 1881; *s.* Hiram Hamilton and Julia Anne (Wilson) B.; reared on farm; *m.* Frances Fenton, Sept. 16, 1911; *c.* Mary Marjorie. B.S., Peirce City Baptist Coll., 1900; A.B., Univ. Mo., 1907; Ph.D., Univ. Chicago, 1910. Phi Beta Kappa; Phi Kappa Phi; Alpha Zeta Pi.

Berry, Cyrus Miner, field agt. Bd. of Farmers Exchange, Sanford, Fla.

Labor comnr. for south central Fla., 1917-8. Farmer, Fla., 18 yrs. (Citrus and truck crops). —*b.* Winchester, Ill., Apr. 23, 1870; *s.* Wm. C. and Emily (Miner) B.; reared in town and on farm; *m.* Riley M. Fletcher. Grad. Nevada Business Coll., Mo., 1890.

Berry, James Berthold, co. voc. superv., Penn. State Dept. Public Instr., Meadville, Pa.

Farmer, Ia., 1898-1901; stenographer and bookkeeper, St. Paul Rubber Co., 1901-6; student asst. hort., Univ. Minn., 1908-10; for. asst., U. S. For. Serv., 1910-1; instr. for., Penn. State Coll., 1911-3; prof. for. and dir. Ga. State For. Sch., 1914-7; prof. plant path. and for., Univ. Ga., 1917-20; present position, 1920-. Collaborator U. S. Plant Disease Survey. *Auth.*: Farm Woodlands, 1923; Northern Woodlot Trees, 1923; Western Forest Trees, 1923; Southern Woodland Trees, 1923; Teaching Agriculture, 1924. —*b.* Edwardsville, Ill., Aug. 2, 1880; *s.* Jas. Frederick and Fanny (Meyer) B.; reared on farm and in small town; *m.* Gladys E. Jones, Dec. 26, 1914; *c.* Jas. B. Jr. B.S., Univ. Minn., 1910; M.S., Penn. State Coll., 1913; grad. student Univ. Munich, Univ. Ga., Mich. State Coll., Cornell Univ.

Berry, Leroy Nahum, instr. voc. agr., high-sch., Mechanic Falls, Me.

Asst. prof. an. husb., Colo. Agr. Coll., 1920-3; instr. poultry, N. Mex. A. & M. Coll., 1924; present position, 1924-. Lieut. U. S. Army, World War. (Poultry). —*b.* S. Bridgton, Me., Aug. 4, 1893; s. Fred N. and Clara G. (Spurr) B.; reared on farm; *m.* Grace M. Gibbs, 1918; *c.* Leroy N. Jr., Grace G. B.S., Univ. Me., 1917. Alpha Zeta.

Besley, Fred Wilson, prof. for. and state for., Univ. Md., 28 E. Mt. Vernon Pl., Baltimore, Md.

Teach. public schs., 1892-1903; lect. for., Univ. Md., 1906-20; prof., 1920-. Sec. Md. For. Assoc.; treas. Soc. Amer. For. —*b.* Vienna, Va., Feb. 16, 1872; *s.* Bartholomew and Sarah E. (Wilson) B.; reared on farm; *m.* Bertha A. Simonds, Sept. 19, 1900; *c.* Florence E., Kirkland A., Helen, Lowell G. A.B., Md. Agr. Coll., 1892; M.F., Yale Univ., 1904; D.Sc., Univ. Md., 1914.

Besse, Ralph Stephen, specialist farm manag., Ore. Agr. Coll., Corvallis, Ore.

Asst. state leader farm advs., Univ. Mo., 1913-5; formerly state leader co. agts., Univ. Wyo. Mem. Wyo. State Bd. Nat. Defense. —*b.* Carthage, Mo., Nov. 27, 1887; *s.* Furrow and Ida (May) B.; reared on farm; *m.* Helen Margaret Haines, Oct. 31, 1916; *c.* Wm. Furrow, Ralph S. Jr. B.S.A., Univ. Mo., 1913; M.S., 1917.

Bessey, Ernst Athearn, prof. bot., Mich. State Coll., E. Lansing, Mich.

Asst. plant path., U. S. Dept. Agr., 1899-1901, 1904-5; chg. Off. Seed and Plant Introduction, 1901-2; chg. Subtrop. Lab., Miami, Fla., 1905-8; prof. bot. and bact., La. State Univ., 1908-10; present position, 1910-. Treas.

Mich. State Potato Assoc., 1914-8; pres. Mich. Acad. Sci., 1915-6. Traveled as agrl. explorer, U. S. Dept. Agr., in Russia, Caucasus and Turkestan, 1902, 1903, Algeria, 1904. *Auth.*: (with C. E. Bessey) Essentials of College Botany, 1914. *Assoc. ed.,* Phytopathology, 1915-7; Amer. review ed., Rivista di Patologia Vegetale. (Plant path., mycology). —*b.* Ames, Ia., Feb. 20, 1877; *s.* Chas. E. and Lucy (Athearn) B.; reared in city; *m.* Edith Carleton Higgins, July 25, 1906; *c.* Bertha Agnes, Wm. Higgins, Robt. John. B.A., Univ. Neb., 1896; B.Sc., 1897; M.A., 1898; Ph.D., Univ. Halle, 1904. Phi Beta Kappa; Sigma Xi; Alpha Zeta.

Bethel, Ellsworth, for. path., U. S. Dept. Agr., State Museum, Denver, Colo.

Instr. biol., high-sch., Denver, Colo., 1890-1917; dir. natural history, State Museum, Denver, 1915-; for. path., U. S. Dept. Agr., 1917-; teach. biol., summer-sch., Univ. Colo., 1904, 1911, 1914. Mem. Bd. State Conservation Comn.; State Geographic Bd.; vice-pres. Bd. of State Hist. and Nat. Hist. Soc. of Colo. Pres. Colo. Acad. Sci.; fellow Colo. Sci. Soc. Bot. collections in Cent. Amer. and Panama, 1913. (Bot.). —*b.* Smyrna, O., June 20, 1863; *s.* Wm. S. and Phoeboe (Price) B.; reared on farm. B.S., Grants Univ., 1884; M.A., Denver Univ., 1904.

Bethke, Roland M., asst. in an. ind. in chg. nutr., Ohio Agr. Exp. Sta., Wooster, O.

Asst. agrl. chem., Univ. Wis., 1920-3; present position, 1923-. Served in Sanitary Div., U. S. Med. Corps, 1918-9. —*b.* Elkhart Lake, Wis., July 20, 1896; *s.* Martin and Ida (Horneck) B.; reared on farm. B.S., Univ. Wis., 1920; M.S., 1921; Ph.D., 1923. Sigma Xi; Tau Kappa Epsilon; Alpha Chi Sigma; Alpha Zeta; Phi Lambda Upsilon.

Betten, Cornelius, dir. resident instr., Cornell Univ., Ithaca, N. Y.

Instr. biol., Lake Forest Coll., 1905-6; asst. prof., 1906-7; prof., 1907-15; sec. and registrar, N. Y. State Coll. Agr., 1915-20; vice-dean resident instr., 1920-3; dir., 1923-. acting dean 1924-6. (Ent., Trichoptera). —*b.* Orange City, Ia., Nov. 13, 1877; *s.* A. J. and Mary (Rhynsburger) B.; reared in town; *m.* Myrtle Sherer, 1906; *c.* Robt. Sherer, Cornelius Jr. M.A., Lake Forest Coll., 1901; D.Sc., 1923; Ph.D., Cornell Univ., 1906. Gamma Alpha; Alpha Zeta.

Betz, Franklin S., manag. ed. Amer. Coop. Pub. Co., 5707 W. Lake St., Chicago, Ill.

Teach. rural schs., O., 1888-96; Ill., 1896-1904; manag. coop. grain co., Cerro Gordo, Ill., 1904-15; general auditor of farmers elevator companies, 1916-24; present position, 1924-. —*b.* Akron, O., May 22, 1868; *s.* John B. and Catherine (Weaver) B.; reared on farm; *m.* Clemie A. West, Sept. 2, 1896; *c.* Franklin Kelsey. B.S., Nat. Normal Univ., Lebanon, O., 1892.

Bever, James, dean State Normal Sch., Bellingham, Wash.

Teach. rural schs., Ia., 1891-8; village sch., Grant, Ia., 1900-1; Atalissa, 1902; Capital Park high-sch., Des Moines, 1902-3; princ. Park Ave. Sch., Des Moines, 1903-4; teach. sci. and math., high-sch., N. Yakima, Wash., 1904-5; princ. high-sch., N. Yakima, 1905-9; head dept. hist. and sociol., State Normal Sch., Bellingham, Wash., 1909-24; dean, 1924-. Del. Nat. Conference of Charities and Correction, Seattle, 1913. Farm operator, 1 yr. (Rural sociol.). —*b.* Hartford, Ia., July 4, 1870; *s.* Geo. Turner and Mary Esther (Freel) B.; reared in small town; *m* Virginia Miriam Hickey, 1906; *c.* Elizabeth Esther, Allena Miriam, Virginia Margaret, Jas. Edward. A.B., Drake Univ., 1902; M. A., 1906.

Bevier, Isabel, emeritus prof. household sci., Univ. Ill., Urbana, Ill.

Princ. high-sch., Shelby, O., 1885-7; Mt. Vernon, 1887-8; prof. nat. sci., Pa. Coll. for Women, 1889-97; prof. chem., Lake Erie Coll., Painesville, O., 1899-1900; prof. household sci., Univ. Ill., 1900-21; emeritus, 1921-; lect. home econ. and chm. dept., Univ. Calif. Southern branch, 1921-3; lect. home econ., Univ. Ariz., 1924. Asst. in nutr. invest., U. S. Dept. Agr., 1894-9. Mem.

exec. council and ex-pres. Amer. Home Econ. Assoc. chm. dept. conservation, Council Nat. Defense, Woman's Com., Ill. Div.; home econ. dir. for Ill. Food Adminis., one of six chm. home econ. div. of Food Adminis. under Mr. Hoover, 1917-8. *Auth.*: The Home Economics Movement, 1906; The House, 1907; Food and Nutrition (with Susanna P. Usher), 1908; Selection and Preparation of Food (with Anna R. Van Meter), 1907, 1910, 1915; Home Economics in Education, 1924. —*b.* Plymouth, O., Nov. 14, 1860; *d.* Caleb and Cornelia (Brinkerhoff) B.; reared on farm. Ph.B., Univ. Wooster, 1885; Ph.M., 1888; studied Case Sch. Applied Sci., summers 1888, 89; Harvard, summer 1891; Prof. Atwater's lab., summer, 1894; Mass. Inst. Tech., 1897-8; D.Sc., Ia. State Coll., 1920. Sigma Xi.

Bewick, Thomas Lyman, state club leader, Univ. Wis., Madison, Wis.

Princ. high-sch., Bloomington, Wis., 1902-4; Mt. Horeb, Wis., 1907; princ. Manzanita Hall, Palo Alto, Calif., 1908; city supt. schs., Horicon, Wis., 1909-12. —*b.* Windsor, Wis., Apr. 30, 1879; *s.* Wm. W. and Jennie S. (Wood) B.; reared on farm; *m.* Pauline L. Zedler, Sept. 22, 1913; *c.* T. L. Jr., Helen Jane. Ph.B., Univ. Wis., 1906; M.S., 1914.

Beyschlag, Frank Gillman, jr. pom., U. S. Dept. Agr., Box 586, Riverside, Calif.

Asst. state ent., Ia., 1922; orchardist, Atlantic, Ia., 1922; Hamburg, 1923. (Improvement of citrus and deciduous fruits by bud selection). —*b.* Hamburg, Ia., Feb. 1, 1901; *s.* Rudolph and Ionia (Gillman) B.; reared in town and on farm. B.S., Ia. State Coll., 1923.

Bibelhausen, Roy Joseph, co. agrl. agt., Baudette, Minn.

b. Shawano, Wis., Feb. 26, 1900; *s.* Frank H. and Mary (Ahaman) B.; reared on farm; *m.* Erna Lauritzen, Dec. 29, 1923. B.S.A., Univ. Wis., 1923.

Bickford, Frederick H., farmer and creamery operator, Bradford, Vt.

Sec. Vt. Dairymens Assoc., 12 yrs.; pres., 2 yrs.; farm labor agt. for Vt.; vice-pres. Vt. State Fair Comn. and comnr. at large; mem. Vt. Comn. on Foreign and Domestic Commerce. —*b.* Lebanon, N. H., Dec. 15, 1869; *s.* Jas. H. and Emma (Hadlock) B.; reared on farm and in village; *m.* Luella F. Ford, Sept. 17, 1887.

Bidwell, Percy Wells, econ., U. S. Tariff Comn., 2240 Cathedral Ave., N. W., Washington, D. C.

Instr. econ., Yale Univ., 1915-8; asst. prof., 1918-21; present position, 1922-; foreign field econ. with headquarters at Brussels, 1925-. Traveled in Europe, 1910-1. *Auth.*: (with J. I. Falconer) History of Agriculture in the Northern United States, 1620-1860, 1925. (Tariff on agrl. products). —*b.* Manchester, Conn., July 19, 1888; *s.* Jas. C. and Clara Jane (Woodbridge) B.; reared in town; *m.* Anna Cabot Almy, June 8, 1915; *c.* John, Mary Almy, Anne Woodbridge, Charlotte Alix. B.A., Yale Univ., 1910; M.A., 1912; Ph.D., 1915. Phi Beta Kappa.

Biery, Calvin John, head dept. rural educ., Bowling Green State Normal Coll., Bowling Green, O.

Rural sch. teach.; supt. city schs., Oak Harbor and Wauseon, O.; supt. Fulton Co., O. Mem. O. State Bd. Sch. Examiners. —*b.* Columbiana Co., O., Mar. 10, 1866; *s.* John and Mary Magadalena (Schwartz) B.; reared in town and country; *m.* Jennie Lyon, Dec. 24, 1890; *c.* Marguerite, Rosa, Leland C. B.S., Ohio Northern Univ., 1889; M.S., 1893; grad. student, Univ. Chicago.

Biester, Alice, assoc. prof. nutr., Univ. Minn., University Farm, St. Paul, Minn.

Instr. home econ., Purdue Univ., 1913-5; asst., Univ. Ill., summer 1913; asst. prof. nutr., Univ. Minn., 1915-9; assoc. prof., 1919-. —*b.* Belvidere, Ill., Jan. 10, 1890; *d.* Henry and Elizabeth (Schandelmeier) B.; reared on farm. A.B., Univ. Ill., 1912; A.M., 1913. Sigma Xi; Kappa Delta Pi; Omicron Nu; Phi Upsilon Omicron; Iota Sigma Pi.

Bill, Arthur J., agrl. reporter and ed., Bloomington, Ill.

Country sch. teach., 6 yrs.; newspaper work, 5 yrs.; agrl. ed., Daily Pantagraph, 26 yrs.; ed. Farmers' Voice, 3½ yrs.; ed. Community Building, 16 months; asst. ed. agrl. circulars, Univ. Ill., 2 yrs. (Farmers' organizations). —*b.* Great Valley, N. Y., Apr. 4, 1862; *s.* Marcius Edward and Harriet Adaline (Card) B.; reared on farm; *m.* Atha Stearns, 1889; *c.* Curtis Stearns, Edgar L., Frank Willmar, Arthur Clarence.

Bilsborrow, James D., asst. co. agt. leader, Univ. Ill., Urbana, Ill.

Agron., Minn. Exp. Sta., Crookston, 1910-2; agrl. manag., Adams & Frees Co., Lisbon, N. D., 1912-6; present position, 1916-. Dem., Amer. Sect., S. Russian Agrl. Expos., Ekaterinoslav, 1910. —*b.* Geneva, N. Y., Oct. 12, 1881; *s.* Geo. W. and Elizabeth A. (Monagle) B.; reared on farm; *m.* Medora A. Paddock, Dec. 27, 1911; *c.* Elizabeth, Althea. B.S.A., Univ. Minn., 1910. Sigma Xi; Alpha Zeta.

Bilsing, Sherman Weaver, prof. ent., Tex. A. & M. Coll., College Station, Tex.

Asst. ent. and zool., Ohio State Univ., 1912-3; instr. ent., Tex. A. & M. Coll., 1913-4; asst. prof., 1914-5; assoc. prof., 1915-6; prof., 1916-. (Pecan insects). —*b.* Crestline, O., Dec. 8, 1885; *s.* Wm. A. and Catharine (Weaver) B.; reared on farm. B.S., Otterbein Univ., 1912; A.B., Ohio State Univ., 1912; M.A., 1913; Ph.D., 1924. Sigma Xi.

Binding, Leo Ross, co. agrl. agt., Centerville, Mich.

Asst. agron., Ill. Exp. Sta., 1912-5; agron. and agrl. chem., Intern. Correspondence Schs., Scranton, Pa., 1915-8; agt. Fulton Co., Ind., 1918-22; St. Joseph Co., Mich., 1922-. *Auth.*: Text-Book on Soil Improvement, 1917. —*b.* Stockbridge, Mich., Feb. 21, 1884; *s.* Willis and Louise (Johnson) B.; reared on farm; *m.* Louise A. Merboth, July 14, 1915; *c.* Kathryn Louise. B.Sc., Mich. Agr. Coll., 1912.

Bingham, Herman West, co. agrl. agt., Hartwell, Ga.

Supt. and agrst., Loranger Agrl. Sch., Loranger, La., 1916-7. —*b.* Trenton, Ala., Dec. 8, 1893; *s.* Wm. Henry and Mary Eliza (Jones) B.; reared on farm; *m.* Fannie Lou Jackson, Aug. 31, 1916; *c.* Margaret. B.S., Ala. Poly. Inst., 1916.

Bioletti, Frederic Theodore, prof. viticulture, Univ. Calif., Berkeley, Calif.

Instr. viticulture, Univ. Calif., 1894-1901; lect. on hort. and wine-making, Elsenburg Coll., Cape Colony, 1901-4; asst. prof., Univ. Calif., 1904-6; farming, 1907; assoc. prof., Univ. Calif., 1908-13; prof., 1914-. Chm. Citrus Comn., Cape Colony, 1901-4. Viticultural invest. in Germany, France and Algeria, 1904-5. Farming, 12 yrs. (Olive-growing, preservation of veg. food products). —*b.* Liverpool, England, July 21, 1865; *s.* Frank T. and Frances (Richards) B.; reared on farm and in town; *m.* Eugénie Henriette Carlton, 1897; *c.* Dorotea, Carlton. B.S., Univ. Calif., 1894; M.S., 1898. Sigma Xi.

Birch, Raymond Russell, prof. in chg. Vet. Exp. Sta., Cornell Univ., Ithaca, N. Y.

From instr. to prof., Cornell Univ., 1912-. Traveled in Philippines, China, Japan, 1906-9. *Auth.*: Hog Cholera, 1922. —*b.* Zeandale, Kans., Mar. 30, 1881; *s.* Francis Asbury and Alice Victoria (Anderson) B.; reared on farm; *m.* Olive McKeeman, June 21, 1911; *c.* Frank McKeeman, Juanita. B.S., Kans. State Agr. Coll., 1906; D.V.M., Cornell Univ., 1912; Ph.D., 1916. Sigma Xi; Omega Tau Sigma.

Bird, Errol Stanley, co. agrl. agt., Kalkaska, Mich.

Farm superv., Rome, N. Y., 1914-6; agrl. agt. St. Lawrence Co., 1917-20; Montgomery Co., 1921-2; farm manag., Batavia, 1922-3; present position, 1924-. Sec. St. Lawrence Nat. Farm Loan Assoc., Canton, 1919-20. —*b.* N. Y., Aug. 20, 1890; *s.* Walter Eugene and Jessie (Gould) B.; reared on farm and in town; m. Ethel Morrell Crawford, Dec. 26, 1916; *c.* Samuel Eugene. B.S., Cornell Univ., 1914. Alpha Zeta.

Birdseye, Miriam, ext, agt. nutr., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Instr. household arts, Hebrew Tech. Sch. for Girls, Brooklyn, N. Y., 1907-9; instr. cooking, Simmons Coll., 1909-10; instr. bact. and sanitation, Bates Coll., Me., 1911-2; lect. home econ. ext., Cornell Univ., 1913-4; asst. prof., 1914-7; present position, 1917-. —*b.* Brooklyn, N. Y., Dec. 18, 1878; *d.* Clarence F. and Ada J. (Underwood) B.; reared in city, summers in country. A.B., Smith Coll., 1901; D.S. diploma, Pratt Inst., 1907; A.M., Columbia Univ., 1923.

Bisby, Guy Richard, prof. plant path., Man. Agr. Coll., Winnipeg, Man.

Asst. bot., Purdue Univ., 1915-6; asst. plant path., Univ. Minn., 1916-20; present position, 1920-. Consulting path., Amer. Potato Corp., Presque Isle, Me., summers, 1914-5. (Rusts potato diseases). —*b.* Brookings, S. D., Aug. 17, 1889; *s.* Chas. R. and Sarah (McKnight) B.; reared on farm; *m.* Helen M. Hitchcock, Sept. 19, 1916. B.S., S. D. State Coll., 1912; M.A., Columbia Univ., 1917; Ph.D., Univ. Minn., 1918. Sigma Xi; Alpha Zeta.

Bishop, Charles McTyeire, clergyman, Muskogee, Okla.

Adj. prof. Latin and Greek, Emory and Henry Coll., 1885-7; ordained Methodist minister, 1889; pastor, Asheville, N. C., 1887-9; Kans. City, Mo., 1889-93, 95-98; Lexington, 1893-5; Nevada, 1898-1901; St. Joseph, 1901-5; Columbia, 1905-9; Mexico, 1909-10; Wichita Falls, Tex., 1910-1; pres. Southwestern Univ., 1911-21; pres. emeritus, 1921-; pastor St. Paul's Methodist Church, Houston, Tex., 1921-4; Muskogee, 1924-. Mem. Bd. of Missions, M. E. Church, South, 1906-10; mem. Comn. on Unification M. E., M. E. South and Meth. Prot. Churches, 1910-. Lect. on rural sociol., literary and biblical subjects. Traveled in Europe, 1900. *Auth.*: Jesus the Worker, 1909; Characteristics of the Christian Life, 1924. —*b.* Jefferson, N. C., Feb. 2, 1862; *s.* Benj. W. S. and Julia Anne (Goodykoontz) B.; reared in small town; *m.* Phoebe Eleanor Jones, June 3, 1889; *c.* Phoebe Eleanor, Mary Martha, Eugene Hendrix, Dorothea F., Rose Boddie. A. B., Emory and Henry Coll., Va., 1884; A.M., 1886; D.D., Central Coll., Mo., 1899; L.L.D., Baylor Univ., 1920; Southwestern Univ., 1923. Sigma Alpha Epsilon.

Bishop, Helen Grace, assoc. clothing specialist, Rutgers Univ., New Brunswick, N. J.

b. Newark, Del., May 24, 1895; *d.* Wm. Herbert and Clara (Walker) B. B.S., Univ. Del., 1920.

Bishopp, Fred Corry, ent. insects affecting health of animals, U. S. Bur. Ent., Box 208, Dallas, Tex.

Fellow zool., Colo. Agr. Coll., 1902-3; asst. ent., Md. State Coll. and asst. state ent., 1903-4; with U. S. Dept. Agr., 1904-. Fellow A. A. A. S. (Med. and vet. ent.). —*b.* Virginia Dale, Colo., Jan. 14, 1884; *s.* Thos. Barton and Harriet C. (McKay) B.; reared on farm; *m.* Eulalie Virginia Spencer, Dec. 9, 1908; *c.* Harriet Eloise, Fred Thos., Howard Spencer, Hazel Eulalie. B.S., Colo. Agr. Coll., 1902.

Biskie, Herman Albert, co. agrl. agt., Seneca, Kans.

Formerly instr. agr., high-sch., Fairfield, Neb. —*b.* Juniata, Neb., Aug. 2, 1892; *s.* Albert and Elizabeth (Rietz) B.; reared on farm. B.S.A., Univ. Neb., 1917.

Bisset, David Andreas, supt. Plant Introduction Field Sta., Savannah, Ga.

Formerly supt. Plant Introduction Field Sta., Brooksville, Fla. —*b.* New York, N. Y., Mar. 21, 1892; *s.* Peter and Maria (Anderson) B.; reared in country; *m.* Nellie Ray Arthur, June 28, 1917; *c.* Ruth Lewis.

Bisset, Peter, hort., Off. Foreign Seed and Plant Introduction, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Mem. Intern. Jury Awards, Panama Pacific Expos., 1915. Former sec. Washington Florists Club; vice-pres. Amer. Carnation Soc.; dir. Amer. Rose Soc.; chm. rose sect., Amer. Breeders Assoc. Traveled in Porto Rico, Bermuda. *Auth.*: The Book of Water Gardening, 1907. —*b.* Scotland, Apr. 24, 1869 (nat-

uralized 1899); *s.* David and Margaret (Cunningham) B.; reared in country; *m.* Maria Anderson, Mar. 25, 1891; *c.* David A., Andrew G., Peter Jr., Maria, Geo., Alfred, Harry, Helen, Paul J.

Bixby, Fred H., farmer and dir. Calif. State Bd. Agr., R. F. D. 1, Long Beach, Calif.

Farmer and live-stock breeder, 1898-. Pres. Amer. Nat. Live Stock Assoc.; mem. President Coolidge's Agrl. Conference. Pres. Los Angeles Warehouse Co.; Associated Meat Co.; Enterprise Construction Co.; Alamitos Land Co.; dir. Calif. Development Assoc. —*b.* Wilmington, Calif., Apr. 20, 1875; *s.* John W. and S. P. (Hathaway) B.; reared on ranch; *m.* Florence Elizabeth Green, Aug. 31, 1898; *c.* Katharine F., Elizabeth, Deborah, John T., Frederick H. Ph.B., Univ. Calif., 1898. Delta Kappa Epsilon.

Bixby, Frederick Louis, irrig. engin., Bur. Public Roads, U. S. Dept. Agr., Univ. Nev., Reno, Nev.

Engin., Ore. Short Line, 1905-7; special agt., U. S. Dept. Agr., 1908-9; chg. irrig. invest. in N. Mex., 1910-6; prof. civil and irrig. engin., N. Mex. A. & M. Coll., 1910-3; in chg. irrig. invest. in Nev., Div. Agrl. Engin., U. S. Dept. Agr., 1916-; assoc. prof. civil engin., Univ. Nev., 1922-. —*b.* Moorehead, Minn., July 1, 1880; *s.* Russell Rock and Annis Elizabeth (Smith) B.; reared in city; *m.* Rhoda Adele Orgren, Dec. 30, 1907 (d. 1921); *c.* Ruth Eleanor. B.S. in C.E., Univ. Calif., 1905; C.E., Univ. Nev., 1918. Sigma Alpha Epsilon; Phi Kappa Phi.

Bizzell, James Adrian, prof. soil tech., Cornell Univ., Ithaca, N. Y.

Instr. chem., N. C. A. & M. Coll. and asst. chem., N. C. Exp. Sta., 1895-1901; fellow chem., Cornell Univ., 1901-2; asst. chem., Cornell Exp. Sta., 1903-7; asst. prof. soil tech., Cornell Univ., 1907-12; prof., 1912-. —*b.* Glenwood, N. C., Apr. 13, 1876; *s.* Hannibal N. and Mary C. (Underwood) B.; reared on farm. B.S., N. C. A. & M. Coll., 1895; M.S., 1900; Ph.D., Cornell Univ., 1903.

Bizzell, William Bennett, pres. Univ. Okla., Norman, Okla.

Supt. public schs., Navasota, Tex., 1900-10; pres. Coll. of Ind. Arts, Denton, 1910-4; pres. Tex. A. & M. Coll., 1914-25; present position, 1925-. Fellow A. A. A. S. *Auth.*: Judicial Interprètation of Political Theory, 1913; The Social Teaching of the Jewish Prophets, 1914; (with W. H. Duncan) Present Day Tendencies in Education, 1919; Rural Texas, 1924. (Social and rural econ.). —*b.* Independence, Tex., Oct. 14, 1876; *s.* G. M. and Sarah Elizabeth (Wade) B.; reared on farm; *m.* Carrie Wray Sangster, Aug. 16, 1900; *c.* Sangster, Elaine. B.S., Baylor Univ., Waco, Tex., 1898; Ph.B., 1900; M.A., Univ. Chicago, 1910; D.C.L., Ill. Coll. of Law, 1912; LL.D., Baylor Univ., 1919; Ph.D., Columbia Univ., 1920.

Bjorka, Knute, asst. prof. agrl. econ. and farm manag., Ia. State Coll., Ames, Ia.

Agrl. dir., public schs., Belgrade, Minn., 1916-8; co. agt. Isante Co. Minn., 1918-9; co. agt. Worth Co., Ia., 1919-21; present position, 1922-. —*b.* Fergus Falls, Minn., Jan. 28, 1888; *s.* Ole T. and Kari (Olson) B.; reared on farm. B.S., Univ. Minn., 1916; M.S., 1922.

Black, Flora Snyder, farmer, organizer, 2200 DeLancey Pl., Philadelphia, Pa.

Pres. Soc. Farm Women of Pa.; chm. rural dept., E. Cent. Div., Nat. Y. W. C. A.; chm. farm women's com., Emergency Aid of Pa.; chm. farm women's com., Amer. Com. for Devastated France. State vice-pres. Daughters of 1812; mem. exec. com., agrl. labor service com., Pa. Council Nat. Defense; mem. state com., Woman's Land Army of Amer.; state chm. land serv. com., Women's Nat. Farm and Garden Assoc. Mem. Gov. of Pa.'s tour to Panama Expos., 1915. —*b.* Somerset, Pa.; *d.* John Baker and Elizabeth (Stahl) Snyder; reared on farm and in city; *m.* Frank Bradfield Black, 1893; *c.* Frank Snyder, Wm. Hoblitzoll, Elizabeth Stahl, John. Student Md. Coll., Lutherville, 1895-6.

Black, John Donald, prof. and chief div. agrl. econ., Univ. Minn., University Farm, St. Paul, Minn.

Instr., Western Reserve Univ., 1910-1; instr. and asst. prof., Mich. Coll. of Mines, 1911-5; instr. Univ. Wis., 1917; asst. prof. agrl. econ., Univ. Minn., 1918; assoc. prof., 1919; prof., 1920-. —*b.* Ft. Atkinson, Wis., June 6, 1883; *s.* Robt. and Margaret (Scott) B.; *m.* Nina E. VanSteenberg, June 23, 1917; *c.* Guy, Margaret. A.B., Univ. Wis., 1909; A.M., 1910; Ph.D., 1918.

Black, Robert H., in chg. grain cleaning invests., U. S. Dept. Agr., 406 Flour Exchange, Minneapolis, Minn.

Seed and grain merchant, Albert Lea, Minn., 1913-7; special lect., N. D. Agr. Coll., 1919-25. Pres. S. Minn. Hort. Soc., 1914-5. Mem. Council Nat. Defense; chm. N. Atlantic States div., motor transportation of perishable products, World War. (Grain cleaning for seed and milling). —*b.* Independence, Ia., June 18, 1892; *s.* Geo. D. and Martha (McLaughlin) B.; reared on farm; *m.* Carol Parkhurst, 1915; *c.* Robt., David, Donald. B.A., Upper Ia. Univ., 1913.

Black, William Henry, an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Prof. an. husb., Agrl. Coll., Jonesboro, Ark., 1910-2; live-stock breeder, Ft. Dodge, Ia., 1912-8; head an. husb. ext., Univ. Fla., 1918-20; in beef cattle invests., U. S. Dept. Agr., 1920-. —*b.* Ft. Dodge, Ia., Aug. 30, 1888; *s.* B. F. and Eva (Stevenson) B.; reared on farm; *m.* Hazel Magdelene Willits, Mar. 30, 1911; *c.* Virginia Paulina, Helen Elizabeth. B.S., Ia. State Coll., 1910.

Blackburn, Frederick Jackson, co. agrl. agt., Salem, Ill.

Field man in live-stock invest., Univ. Ill., 1914-5; asst. home econ. ext., 1915; farmer, Hillsboro, Ill., 1916-8; present position, 1918-. —*b.* Hillsboro, Ill., Mar. 28, 1889; *s.* Jas. R. and Mary A. (Hartgroves) B.; reared on farm; *m.* Emma L. Rose, Aug. 29, 1917; *c.* Lela Rose. B.S., Univ. Ill., 1914. Alpha Zeta.

Blackman, Charles Leon, manag. Summit Farms, Davidson, Me.

Formerly asst. emergency dem. agt., Lincoln, Me.; agt. in dairying, U. S. Dept. Agr. and ext. prof. dairy production, Ia. State Coll.; field sec. New England Holstein-Friesian Assoc., 1921-3; present position, 1923-. —*b.* Peaks Isl., Me., Nov. 21, 1893; *s.* Chas. O. and Hattie C. B.; reared on farm. B.S., Univ. Me., 1916; M.S., Ia. State Coll., 1917. Alpha Zeta.

Blackmon, Gulie Hargrove, pecan cult., Fla. Agr. Exp. Sta., Gainesville, Fla.

Instr. and asst. prof. hort., Tex. A. & M. Coll., 1910-4; sec.-treas. Waxahachie Nursery Co., 1914-22; manag. Dallas branch, 1914-8; manag. production, 1918-22; present position, 1923-. —*b.* Waco, Tex., Feb. 21, 1886; *s.* G. W. and F. (Floyd) B.; reared on farm; *m.* Mary Lee Craig, Dec. 26, 1914; *c.* Tommy Ruth. B.S.A., Tex. A. & M. Coll., 1910.

Blackmore, Beulah, prof. home econ., Cornell Univ., Ithaca, N. Y.

Teach. public sch., Howard City, Mich., 1909-10; Tacoma, Wash., 1910-3; present position, 1915-. (Textiles, clothing design). —*b.* Vassar, Mich., Apr. 6, 1886; *d.* Simon and Anne (Dick) B.; reared in village. Life teach. cert., Mich. State Normal Coll., 1909; B.S., Teachers Coll., Columbia Univ., 1917. Gamma Phi Beta.

Blackwell, Carl Petty, prof. agron. and agron. Exp. Sta., Clemson Agr. Coll., Clemson College, S. C.

Instr. agron., Univ. Tex., 1914-6; adj. prof., 1916-7; asst. farm crops, Cornell Univ., 1917-8; present position, 1918-. —*b.* Lampassas, Tex., Nov. 5, 1886; *s.* Alexander Jefferson and Eva (Casey) B.; reared on farm; *m.* Lillian Stiernberg, June 8, 1916. B.S., Okla. A. & M. Coll., 1911; M.S., Univ. Wis., 1915. Phi Delta Kappa; Phi Kappa Phi.

Blackwell, Jefferson Davis, state dir. voc. educ., Dept. Educ., Baltimore, Md.

Asst. prof. agr., State Normal Sch., Warrensburg, Mo., 1914; assoc. prof. agrl. educ., Tex. A. & M. Coll., 1914-7; specialist agrl. educ., States Relations Serv., U. S. Dept. Agr., 1917-; state dir. voc. agr., Austin, Tex., 1917-20; asst. state dir. voc. educ. for Pa., 1920-3; present position, 1923-. —*b.* Blackwell,

Mo., Sept. 5, 1885; *s.* A. and Dorothy (Coleman) B.; reared on farm; *m.* Salome Love, Aug. 1, 1915; *c.* Edith Lucile, Harold Richard. B.S.A., Univ. Mo., 1914. Alpha Zeta; Phi Delta Kappa.

Blackwell, Moses A., co. agrl. agt., Montgomery, Ala.

Teach. rural sch., S. C., 1915-7; teach. agr. and princ. high-sch., Batesburg, 1919-21; dir. dept. agr., State A. & M. Inst., Normal, Ala., 1922-3; agrl. agt. Montgomery Co., 1923-. Sergeant Med. Corps, U. S. Army, 1918. Pres. S. C. Sch. Principals Assoc. —*b.* S. C., July 17, 1894; *s.* J. D. and Louisa A. (Martin) B. (col.); reared on farm; *m.* Malceina Norman Mack, May 2, 1923. B.L.I., S. C. State Coll., 1915.

Blaine, Alexander, teach. agr. and princ. high-sch., Tyner, N. C.

b. Ringgold, Va., Nov. 5, 1896; (col.); reared on farm. B.S., Negro Agrl. and Tech. Coll., Greensboro, N. C., 1924.

Blair, Augustine Wilberforce, prof. agrl. chem., Rutgers Univ., assoc. soil chem., N. J. Exp. Sta., New Brunswick, N. J.

Teach. sci., Abington Friends Sch., Jenkintown, Pa., 1892-5; prof. physics and chem., Guilford Coll., 1896-7; chem., Fertilizer Control Div., N. C. Exp. Sta., 1897-9; asst. chem., Fla. Exp. Sta., 1899-1906; chem., 1906-11; present position, 1911-. (Fert., soils). —*b.* Archdale, N. C., Sept. 12, 1866; *s.* Benjamin F. and Rachel E. (Anderson) B.; reared on farm; *m.* Judith Genevieve Mendenhall, July, 1897; *c.* Mary Mendenhall. B.S., Haverford Coll., 1892; A.M., 1896. Phi Beta Kappa; Sigma Xi; Phi Lambda Upsilon.

Blair, Joseph Cullen, prof. hort. and chief in hort., Univ. Ill., Urbana, Ill.

Instr. chem., agr. and bot., Provincial Coll. Agr., Truro, N. S., 1890-1; instr. hort. and hort. Exp. Sta., 1896-1901; prof. pom. and chief in hort. Exp. Sta., Univ. Ill., 1901-12; prof. and chief in hort., 1912-. Farmer and manag. Blair Orchards, S. Ill. Pres. Amer. Soc. Hort. Sci., 1922. —*b.* Truro, N. S., Apr. 26, 1871; *s.* Wm. M. and Harriet (Blair) B.; *m.* Sada Van Horne, June 16, 1898. Grad. Provincial Coll. Agr., Truro, 1892; student Cornell Univ., 1892-6; M.S.A., Ia. State Coll., 1906; D.Sc., Coll. of Wooster, O., 1920. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Blair, Thomas Arthur, meteorologist and sect. dir., U. S. Weather Bur., asst. prof. meteorology, Univ. Neb., Lincoln, Neb.

Teach. math., high-sch., San Diego, Calif., 1904-5; teach. math. and sci., Union High-Sch., Santa Ynez, Calif., 1905-6; with U. S. Weather Bur., 1907-; chg. Wagon Wheel Gap Exp. Sta., Colo., 1914-6; chg. Hawaii sect. Climatological Serv., U. S. Weather Bur., 1922-4; present position, 1924-. Fellow Amer. Meteorological Soc. (Agrl. meteorology). —*b.* Barton Co., Mo., Feb. 28, 1879; *s.* Wm. and Amanda (Campbell) B.; reared on farm; *m.* Lena Gray Saunders, June 27, 1907. A. B., Leland Stanford Jr. Univ., 1904.

Blake, Doris Holmes, jr. ent., U. S. Dept. Agr., Washington, D. C.

b. Stoughton, Mass.; *d.* Arthur L. and Lucy (Wentworth) Holmes; reared in town; *m.* Sidney F. Blake, May 4, 1918. A.B., Boston Univ., 1913; A.M., Radcliffe Coll., 1917. Phi Beta Kappa; Alpha Delta Pi.

Blake, Maurice Adin, chief in hort., Rutgers Univ. and N. J. State Agr. Exp. Sta., New Brunswick, N. J.

Asst. hort., R. I. Exp. Sta., 1904-5; instr. hort., Mass. Agr. Coll., 1905-6; hort., N. J. State Agr. Exp. Sta. 1906-; assoc. prof. hort., Rutgers Coll., 1911-3; prof. 1913-; state supt. of farm dem., 1918-21; chief div. of hort., 1921-. Pres. Soc. for Hort. Sci., 1916; pres. N. J. State Hort. Soc., 1919-20. (Peach cult., agrl. ext.). —*b.* Millis, Mass. Dec. 1, 1882; *s.* Adin Philip and Phebe Ann (Frye) B.; reared on farm; *m.* Beulah Angie Hoitt, Oct. 23, 1907. B.S., Mass. Agr. Coll., 1904.

Blalock, Uriah Benton, farmer, merchant, general manag. N. C. Cotton Growers Coop. Assoc., Raleigh, N. C.

Cotton farmer, Norwood and Wadesboro, N. C., 30 yrs.; pres. Hardware

Dealers Assoc. of Carolinas; pres. Carolinas Automotive Trade Assoc. —*b.* Norwood, N. C., Apr. 26, 1873; *s.* M. E. and Hettie R. (Staton) B.; reared on farm; *m.* Bessie Dunlap, Sept. 18, 1918; *c.* Monte Christian, Benton Jr., David. Student Duke Univ.

Blandford, Joseph Henry, farmer, Brandywine, Md.

Supt. roads, Charles Co., Md., 1908-12; mem. House of Delegates, 1914, 1916, 1917; supt. State Agrl. Lime Bd., 1916-. (Soil and road improvement). —*b.* Md., Jan. 28, 1879; *s.* J. H. and Anna Cecilia (Mudd) B.; reared on farm; *m.* Pauline Mudd, Feb. 26, 1919.

Blasingame, Ralph Upshaw, prof. farm mech., Penn. State Coll., State College, Pa.

Instr. agrl. engin., Penn. State Coll., 1913-5; prof. agrl. engin., Ala. Poly. Inst., 1915-7; present position, 1917-. —*b.* Ala., 1886; *s.* B. T. and Willie May (Upshaw) B.; reared on farm; *m.* Sue Combs, Aug. 20, 1913; *c.* Robt., Paul, Ralph Jr. B.S. in C.E., B.S.A., Ala. Poly. Inst., 1910; B.S. in Agrl. Engin., Ia. State Coll., 1913. Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta; Alpha Gamma Rho.

Bledsoe, Rosewell Page, agron., Ga. Exp. Sta., Experiment, Ga.

Instr., Kans. State Agr. Coll., 1914-7; asst. prof., Univ. W. Va., 1918-20; present position, 1920-. —*b.* Staunton, Va., July 15, 1888; *s.* Thos. A. and Edmonia (Page) B.; reared on farm and in town. A.B., Washington and Lee Univ., 1908; M.S., Univ. Wis., 1914. Phi Gamma Delta.

Bleecker, William Leslie, prof. bact. and path., Univ. Ark., Fayetteville, Ark.

Formerly dairyman, U. S. Dept. Agr. —*b.* Hubbleton, Wis., Apr. 9, 1880; *s.* John R. and Lizzie Hays (Wright) B.; reared on farm; *m.* Maggie A. Legge, Sept. 12, 1906. D.V.M., Ohio State Univ., 1917. Omega Tau Sigma.

Blesi, Harold E., teach. agr., high-sch., Fairmont, Minn.

Served in U. S. Army, 1918. —*b.* Anoka, Minn., Sept. 26, 1899; *s.* Emil and Anna (Zimmerman) B.; reared on farm; *m.* Catherine M. Fancher, June 19, 1923. B.S., Univ. Minn., 1922.

Blish, Morris Joslin, prof. agrl. chem. and chem. Exp. Sta., Univ. Neb., Lincoln, Neb.

Asst. chem., Bur. Chem., U. S. Dept. Agr., 1915-6; asst. chem., Mont. Agr. Exp. Sta., 1916-22; present position, 1922-. Pres. Amer. Assoc. Cereal Chemists, 1923-5; fellow A. A. A. S. 2d Lieut. Sanitary Corps, U. S. Army, World War. (Wheat and flour chem.). —*b.* Lincoln, Neb., Apr. 21, 1889; *s.* Frank M.. and Louise (Joslin) B.; reared in city; *m.* Vera Buell, Apr. 21, 1921; *c.* Mary Louise. B.Sc., Univ. Neb., 1912; M.A., 1913; Ph.D., Univ. Minn., 1915. Sigma Xi; Phi Kappa Phi; Phi Gamma Delta; Gamma Sigma Delta.

Bliss, George R., co. agrl. agt., Mt. Carroll, Ill.

Chg. hort. ext., Ia. State Coll., 4 yrs.; co. agt., Scott Co., Ia., 7½ yrs. (Hort., plant-breeding). —*b.* Geneseo, Ill., Feb. 3, 1882; *s.* Geo. E. and Florence (Mathews) B.; reared on farm; *m.* Carrie Helen Sperling, June 29, 1910; *c.* Laura, Florence, Marcia. B.S.A., Ia. State Coll., 1908; M.S., 1912. Alpha Zeta; Delta Sigma Rho; Phi Kappa Phi.

Bliss, Ralph Kenneth, dir. agrl. ext., Ia. State Coll., Ames, Ia.

Chg. an. husb. ext., Ia. State Coll., 1906-11; acting supt. agrl. ext., 1912; prof. an. husb., Univ. Neb., 1912-4; present position, 1914-. Farm manag., 1906. Chm. State Seed Stocks Comn., 1917-8; state dir. U. S. Boys Working Reserve, 1918; sec. Ia. War Emergency Food Com., 1917-8. —*b.* Diagonal, Ia., Oct. 30, 1880; *s.* Horace and Mary Ellen (Day) B.; reared on farm; *m.* Ethel Eveleth McKinley, Sept. 14, 1912; *c.* Robt. Wm., Richard. B.S.A., Ia. State Coll., 1905. Phi Kappa Phi; Delta Sigma Rho; Alpha Zeta.

Blodgett, Forest Milo, asst. prof. plant path., Cornell Univ., Ithaca, N. Y.

Assoc. bot., N. Y. Exp. Sta., Geneva, 1914-5; present position, 1915-. (Mosaic

and leaf-roll diseases of potatoes). —*b.* Brockton, N. Y., July 15, 1885; *s.* Silas B. and Clara Jane (Pierce) B.; reared on farm; *m.* Elsa Irene James, July 1, 1914; *c.* Edward Jas., Catherine Jane. B.S.A., Cornell Univ., 1910; Ph.D., 1914. Sigma Xi.

Blodgett, Mary, state superv. home econ. educ., Colo. Agr. Coll., Fort Collins, Colo.

City ext. worker, Waterbury, Conn., 1918-9; asst. prof. home econ., Colo. Agr. Coll., 1919-23; state superv., 1923-. —*b.* Rushville, N. Y., Feb. 20, 1889; *d.* Geo. and Clara (Wilson) B.; reared on farm. B.S., Cornell Univ., 1918; M.A., Columbia Univ., 1925.

Blodgett, Warren Kendall, dir. agrl. sch., Hampton Inst., Hampton, Va.

Supt. S. Lincoln Dairy Farm, Mass., 1912-4; teach. sch., Essex Co. Agrl. Sch., Hathorne, Mass., 1914-7; asst. ext. prof. rural engin., Cornell Univ., 1917-9; present position, 1920-. —*b.* Cambridge, Mass., Oct. 2, 1888; *s.* Stephen H. and Elizabeth W. (Cummings) B.; reared on farm; *m.* Margaret Loring, June, 1912; *c.* Elizabeth W., Warren K. A.B., Harvard Univ., 1911. Delta Upsilon.

Blum, Walter Clayton, teach. voc. agr., high-sch., Flushing, O.

b. Braman, Pa., May 1, 1900; *s.* John Geo. and Helen Lena (Houck) B.; reared on farm; *m.* Evadne Burcher, June 8, 1921. B.S., Penn. State Coll., 1924.

Boardman, W. Clayton, co. agrl. agt., Aberdeen, S. D.

Soil survey for Wis., O. and U. S. Bur. Soils, 1914-7; farm help specialist, S. D., 1917-9; present position, 1919-. (Soils, poultry and swine). —*b.* New Richmond, Wis., Nov. 9, 1891; *s.* Grant C. and Agnes (Brady) B.; reared on farm and in town; *m.* Edna K. Oakey, Sept. 15, 1915; *c.* Wm. C. Jr., Samuel Chas., John Cort, Jean Edna. B.S.A., Univ. Wis., 1914.

Bober, Sam H., seedsman and farmer, Newell, S. D.

Manag. Crescent Ranch, Butte, Mont., 1913-4; homesteader on Belle Fourche Irrig. Project, 1915; jr. an. husb., U. S. Dept. Agr., Belle Fourche Exp. Farm, 1917-24; grower alfalfa and Duroc-Jersey hogs, 1924-. Pres. W. Feeder Hog Show. Contr. ed. Dakota Farmer. —*b.* Kovel, Russia, Nov. 14, 1891 (naturalized 1915); reared in village; *m.* Rose Stolar, Apr. 13, 1916; *c.* Louis, Mira Lee. Grad. DeHirsch Agrl. Sch., 1912; special student Mich. Agr. Coll., 1913, S.D. State Coll., 1917.

Bodman, E. J., banker, 201 W. Second St., Little Rock, Ark.

Vice-pres. Union Trust Co., Little Rock; farm manag.; chm. Profitable Farming Bur., Little Rock Chamber of Commerce, 1914-9; chm. agrl. com. Ark. Bankers Assoc., 1919-25; mem. agrl. comn. Amer. Bankers Assoc., 1922-3; mem. bd. dir. Little Rock Cotton Exchange, 1924; mem. bd. trustees, Univ. Ark., 1925. —*b.* Warsaw, Ind., Dec. 25, 1875; *s.* Samuel L. and Elizabeth C. (Boyce) B.; reared on farm and in town; *m.* Mary H. Wright, Oct. 25, 1904; *c.* Sam, Anne.

Bodwell, Joseph Henry, co. agrl. agt., 244 Main St., Springfield, Mass.

Farmer, Juneau Co., Wis., 1 yr.; formerly co. agrl. agt., Foxcraft. Me. —*b.* Hallowell, Me., July 8, 1891; *s.* Willard A. and Carrie A. (Gage) B.; reared on farm; *m.* Irene Pearl Emery, June 24, 1916. B.S., Univ. Me., 1915. Sigma Alpha Epsilon; Alpha Zeta.

Boeger, Ernest Augustus, agrst., Div. Farm Manag., U. S. Dept. Agr., Washington, D. C.

Princ. public schs., St. Jo, Tex., 1886; civil engin., Ft. Worth and Denver R. R., 1887; computer, U. S. Naval Observatory, 1893-1904; asst., 1905-11. (Farm tenancy). —*b.* Decatur Co., Ia., Apr. 14, 1863; *s.* Chas. and Anna (Klumke) B.; reared on farm; *m.* Mary A. Smith, June 20, 1892. A.B., Univ. Mo., 1882; S.B.C.E., 1884; M.A., 1885.

Boehr, John Wesley, state dairy ext. specialist, Okla. A. & M. Coll., Stillwater, Okla.

Instr. dairying, Univ. Neb., 1920-2;

present position, 1922-. Del. to World's Dairy Congress, 1923. 1st Lieut. Neb. Nat. Guard. —*b.* Henderson, Neb., Apr. 26, 1883; *s.* John and Anna (Regier) B.; reared on farm; *m.* Ethel Grace Weyenberg, July 23, 1914; *c.* John W. Jr., Elizabeth Ann. B.S.A., Univ. Neb., 1919; M. S., 1920.

Bohstedt, Gustav, chief an. ind., Ohio Agr. Exp. Sta., Wooster, O.

Asst. an. husb. Univ. Wis., 1915-6; Ia. State Coll., 1916-7; instr. an. husb., Univ. Wis., 1917-8; asst. prof., 1918-21; present position, 1921-. Sec.-treas. Amer. Soc. An. Production, 1921-2; vice-pres., 1923-4; pres., 1925. Farming, Ia., 1902-5; Tex., 1905-8. —*b.* Gnissau, Holstein, Germany, June 22, 1887 (naturalized 1912); *s.* Henry Asmus and Anna (Rotermund) B.; reared on farm; *m.* Ruth Conway, July 3, 1918; *c.* Carl Conway, James Hunt. B.S., Univ. Wis., 1915; M.S., 1916; Ph.D., 1925. Sigma Xi; Alpha Zeta; Theta Chi.

Boice, Mildred W., home dem. agt., 59 Main St., Northampton, Mass.

Home dem. agt., Washington Co., Vt., 1920-3. —*b.* Conway, Mass., Aug. 21, 1899; *d.* Alvan C. and Emma C. (Williams) R.; reared in town. Grad. Framingham Normal Sch., 1920.

Boissevain, Marett Burridge, co. agrl. agt., SanRafael, Calif.

Instr. agr., high-sch., Waterville, Wash., 1915-7; chg. Waterville Substa., 1915-7; co. agrl. agt., Lander, Wyo., 1917-20; present position, 1920-.- Traveled in Europe and Alaska. (Agron., dairying). —b. Sask., June 14, 1887 (naturalized 1907); *s.* Daniel F. and Alberta May (Carmen) B.; reared on farm; *m.* Murel May Corliss, 1910 (d. 1912); 2d, Elizabeth Langley Robinson, 1917; *c.* Harold Corliss, Marett B. Jr., Francis Jas. B.S.A., Wash. State Coll., 1915.

Boles, Ashleigh Pannel, ext. asst. prof. hort., Univ. Mo., Columbia, Mo.

Asst. plant path., Univ. Ark., 1909-10; traveling buyer, Giuocchio-Jones Fruit Co., Kansas City, Mo., 1910-1; sec. Mo. State Bd. Hort., 1912-3; hort. agt., Frisco R. R. Co., 1913-20; asst. manag. Amer. Fruit Growers, Inc., St. Louis branch, 1921; N. Y. branch, 1921-3; present position, 1923-. Sec.-treas. Northwest Ark. Fruit Co.; sec.-treas. Coop. Evaporation Co.; mem. Ark. State Plant Bd., 1920-. —b. Fayetteville, Ark., Sept. 28, 1887; *s.* Clifford and Nettie (Barnett) B.; reared in town and on farm; *m.* Alicia J. Read, June 2, 1915; *c.* Emily Marie, Clifford Read, Elizabeth Alicia. A.B., Univ. Ark., 1908; M.A., Univ. Mo., 1915. Delta Theta Sigma; Pi Kappa Alpha.

Bolley, Henry L., dean biol., N. D. Agr. Coll., and bot. and plant path. Exp. Sta., Agricultural College, N. D.

Asst. bot., Ind. Exp. Sta., 1889-90; bot. and zool., N. D. Agr. Coll. and Exp. Sta., 1890-1910; bot. and plant path., 1910-; dean biol., N. D. Agr. Coll., 1910-; state seed comnr., 1909-. Fellow A. A. A. S.; Amer. Soc. Promotion Agrl. Sci. Sec. N. D. Improved Seed Growers Assoc. Traveled in Europe to invest. flax diseases for U. S. Dept. Agr., 1903. (Soils and seeds). —*b.* Manchester, Ind., Feb 1, 1865; *s.* John and Mary (Broad) B.; reared on farm; *m.* Frances Barnett Sheldon, Sept., 1896; *c.* Don Sheldon, Ann Sheldon. B.S., Purdue Univ., 1888; M.S., 1890. Phi Kappa Phi.

Bollinger, Walter LeRoy, co. agrl. agt., Pottsville, Pa.

b. Spring Grove, Pa., Dec. 7, 1891; *s.* Geo. S. and Annie (Menges) B.; reared on farm; *m.* Sarah Julius, Dec. 22, 1917. B.S., Penn. State Coll., 1917. Alpha Zeta.

Boltz, George Edward, co. agrl. agt., New Philadelphia, O.

Chem., O. Agr. Exp. Sta., 9 yrs. —*b.* Stone Creek, O., Oct. 30, 1881; *s.* Michael and Elizabeth (Deibel) B.; reared on farm; *m.* Viola May Grant, Nov. 23, 1912; *c.* Janice Valaria. B.S.A., Ohio State Univ., 1910. Alpha Zeta.

Bomberger, Frank Byers, asst. dir. agrl. ext. serv. and specialist in rural organization and marketing, Univ. Md., College Park, Md.

Prof. English and civics, Md. Agr. Coll., 1900-12; prof. econ. and political

sci., 1912-4; dean rural econ., 1914-7; present position, 1917-. Traveled Mex., summer 1901. —*b.* Williamsport, Md., June 9, 1875; *s.* Emmanuel and Martha (Byers) B.; reared in rural town and country; *m.* Mary Elizabeth Blundon, Oct. 21, 1904; *c.* Lawrence Joseph. B.S., Md. Agr. Coll., 1894; M.S. (hon.), 1902; D.Sc. (hon.), 1919; special work, Cornell Univ., 1900. Gamma Alpha; Gamma Pi; Sigma Nu.

Bond, Frederick Henry, farmer, Milton, N. Y.

Instr. agr., high-sch., Belfast, N. Y., 1922-3; agrl. agt. Wayne Co., 1924-5. —*b.* Jamestown, N. Y., July 20, 1898; *s.* Frank and Jane (Allen) B.; reared in town. B.S., Cornell Univ., 1922. Alpha Zeta.

Bonner, John Franklin, teach. voc. agr., high-sch., Churchville, N. Y.

Farm instr., New Hampton Farms, N. Y. City Dept. Correction, 1917; supt. farms, Jas. Vicks Sons, 1919-21. Lect. Riga Grange, 1923-4; chm. Churchville Fair, 1923-4. 1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Manayunk, Pa, Feb. 22, 1894; *s.* Wm. and Sarah J. (Auker) B.; reared in town; *m.* Ethel Jane Detwiler, 1915; *c.* Katherine Jane, John Franklin, Wm. Snyder, Anne Louise. B.S., Penn. State Coll., 1916.

Bonnet, L. O., assoc. in viticulture, Univ. Calif., Davis, Calif.

Asst. to instr. viticulture, Univ. Calif., 1909-14; assoc., 1914-. Traveled in Mex. Served in French Army, 1914-7; awarded Croix de Guerre. —*b.* Oraison, France, Dec. 23, 1885; reared in town and on farm; *m.* Juliette Duckon, 1919. Ingenieur Agricole, Nat. Sch. Agr., Montpellier, 1909.

Bonnett, Robert Kline, with Washburn-Wilson Seed Co., Moscow, Ida.

Asst. farm crops, Kans. State Agr. Coll., 1913-5; instr., 1916-7; asst. prof., 1917-8; prof. farm crops, Univ. Ida., 1918-20. —*b.* LeRoy, Ill., Jan. 21, 1892; *s.* Oscar and Grace (Kline) B.; reared on farm and in town; *m.* Martha Tunstall, Aug. 24, 1915; *c.* Robt. K. Jr., Richard T. B.S., Kans. State Agr. Coll., 1913; M.S.A., Univ. Wis., 1916. Alpha Zeta.

Bonsteel, Frederick Eugene, organizer cooperative associations, N. Y. State Div. Foods and Markets, Ashville, N. Y.

Soil expert, U. S. Dept. Agr., 1900-6; agrl. ed., Doubleday, Page & Co., 1906-7; farmer, Bear Lake, Pa., 1907-14; special lect., Penn. State Coll., 1908-9; inst. lect., Pa. Dept. Agr., 1909-12; inst. lect. and conductor, N. Y. Dept. Agr., 1912-8; present position, 1918-; fruit-grower, Chautauqua Co., 1914-20. —*b.* Huntington, W. Va., Mar. 3, 1876; *s.* H. E. and Jane J. (Jewell) B.; reared on farm; *m.* Carolyn B. Fretts, Oct. 26, 1897; *c.* E. Irene, Paul D., Richard L., Hubert W., Eleanor C. Student Cornell Univ., 2 yrs.

Booth, Charles Junius, dean Chaffey Junior Coll. Agr., and head agrl. dept., Chaffey Union High-Sch., Ontario, Calif.

Princ. Monterey Co. High-Sch., 1911-3; present position, 1913-; instr. summer session, Univ. Calif., 1919. *Auth.*: (with Stubenrauch and Wood) Horticulture for Schools, 1922. —*b.* Oakdale, Calif., Dec. 18, 1884; *s.* J. B. and Annie (Martin) B.; reared on farm; *m.* Nora H. Bradshaw, 1912; *c.* Francis Eldon, Chas. Vincent. B.S., Univ. Calif., 1908; M.S., 1918. Alpha Kappa Lambda.

Bopst, Leslie Edward, asst. state chem., College Park, Md.

With Md. State Control Lab., 1 yr.; H. K. Mulford Co., Philadelphia, 6 mos.; Chem. Warfare Serv., Washington, 1½ yrs.; Bur. Chem., U. S. Dept. Agr., 3½ yrs. (Feed and fert. control). —*b.* Frederick, Md., Jan. 3, 1894; *s.* Wm. M. and Anna M. (Brunner) B.; reared in town; *m.* Myrtle Elizabeth Rabbitt, Sept. 19, 1923. B.S., Univ. Md., 1916. Sigma Nu.

Borders, John Mallory, marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Bookkeeper, Kansas City, 1 yr.; asst. cashier, Wells Fargo Express Co., Pueblo, Colo., 6 mos.; asst. ext., Univ. Ark., 1910-5; with Food Res. Lab., U. S. Bur. Chem., 1917-21; present position,

1921-. (Poultry). —*b.* Brooksville, Miss., Sept. 27, 1882; *s.* John Mallory and Mary Elizabeth (Beck) B.; reared on farm; *m.* Clyde Rogers, Dec. 14, 1908; *c.* Mary Elizabeth. B.S.A., Univ. Ark., 1907; grad. student Univ. Mo., Univ. Wis.

Borland, Andrew Allen, prof. and head dept. dairy husb., Penn. State Coll., State College, Pa.

Asst. dairy husb. res., Penn. State Coll., 1910-1; prof. dairy husb., Univ. Vt., 1911-5; prof. dairy ext., Penn. State Coll., 1915-9; prof. dairy husb., 1919-. —*b.* Sandy Lake, Pa., June 11, 1878; *s.* Adam C. and Sarah (Carmichael) B.; reared on farm; *m.* Jessie E. Canon, Oct. 12, 1910; *c.* Gerald Canon, Margaret Eleanor. B.S., Penn. State Coll., 1909; M.S., Univ. Wis., 1910. Alpha Zeta; Phi Kappa Phi.

Borum, Cecil J., teach. voc. agr., high-sch., Columbia City, Ind.

Farm manag., 1917-8; instr. voc. agr., high-sch., W. Point, 1918-21; head dept. agr., Valparaiso Univ., 1921-3; present position, 1923-. (Agrl. statistics). —*b* W. Point, Ind., July 4, 1894; *s.* Newton O. and Anna C. (Wasson) B.; reared on farm; *m.* Ruth Clark Shelby, Sept. 8, 1921. B.S., Purdue Univ., 1916.

Boss, Andrew, vice-dir. Exp. Sta. and prof. agron. and farm manag., Univ. Minn. University Farm, St. Paul, Minn.

Pres. Amer. Farm Manag. Assoc., 1915; sec. Minn. Live-Stock Breeders Assoc., 1902-12; pres. Minn. Farm Manag. Assoc., 1918. *Auth.*: Farm Management for Secondary Schools, 1913. (Farm manag. and econ.). —*b.* Wabasha Co., Minn., June 3, 1867; *s.* Andrew and Janet (Nesbit) B.; reared on farm; *m.* Evalena La Mont, Dec. 15, 1891; c. Hazel Vivian, Elna Violet, Mabel Evelyn, Kenneth Andrew, Wallace La Mont. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Bostian, Margaret Mary, asst. home econ. specialist, U. S. Dept. Agr., Washington, D. C.

Superv. voc. home econ., Univ. Mo., 1918-20; instr. home econ., 1920-1; Univ. Neb., summer 1921; teach. home econ., Francis Parker Sch., San Diego, Calif., 1921-3; San Diego State Teach. and Jr. Coll., 1923-4; present position, 1924-. (Clothing). —*b.* Independence, Mo., June 18, 1896; *d.* Wm. and Margaret (Hinters) B.; reared in town. B.S., Univ. Mo., 1918; M.A., 1921. Delta Gamma; Pi Lambda Theta.

Boswell, Stephen Roy, co. agrl. agt., Richfield, Utah.

Agrl. agt. Summit Co., Utah, 1918-24; Sevier Co., 1924-. Pres. Utah Co. Agts. Assoc. Traveled in S. Africa, Madeira, England. —*b.* Nephi, Utah, Oct. 6, 1890; *s.* Stephen and Ann P. (Garrett) B.; reared on farm; *m.* Armina Huff, June 21, 1916; *c.* Gladys Irene, Calvin Roy, Harold Eugene, Howard Huff. B.S., Utah Agr. Coll., 1916.

Botsford, Harold Eugene, ext. prof. poultry husb., Cornell Univ., Ithaca, N. Y.

Farmer, N. Y. and Conn., 4 yrs.; instr. agr., high-sch., Mass., 1913-5; present position, 1915-. —*b.* Bridgeport, Conn., July 18, 1887; *s.* Eugene R. and Ida Lavinia (Lamphear) B.; reared on farm; *m.* Ludwina E. Mager, Mar. 26, 1911; *c.* Edna A., Jean W., Eleanore R., Glenn R., Gertrude L. Grad. Conn. Agr. Coll., 1909; B.S., Cornell Univ., 1918.

Bouck, William M., farmer, Sedro-Woolley, Wash.

Master Wash. State Grange, 1917-21; pres. Progressive Farmers Assoc., 1921-. Nominee for vice-pres., Farmer-Labor Ticket, St. Paul, 1924. —*b.* Independence, Ia., Sept. 5, 1868; *s.* John S. and Elizabeth D. (Elliott) B.; reared on farm; *m.* Lura A. Snow, Aug. 27, 1891; *c.* Beulah R., Ada E., Norton K., Edna L., Morley W.

Bouquet, Arthur George Bristow, prof. veg.-gard., Ore. Agr. Coll., Corvallis, Ore.

Instr. hort., Ore. Agr. Coll., 1909-11; asst. veg.-gard., 1911-2; asst. prof., 1912-5; assoc. prof., 1915-6; prof., 1916-; olericulturist Exp. Sta., 1912-. Vice-pres. for Ore., Veg. Growers Assoc. of Amer. Traveled in England

and France. *Ed.* gard. dept., Pacific Homestead. —*b.* Sutton, England, Mar. 9, 1885 (naturalized 1912); *s.* Alexander and Laura (Starkey) B.; reared in country; *m.* Grace Mary Wilson, June 26, 1912. B.S., Ore. Agr. Coll., 1906; grad. student, Mass. Agr. Coll., 1908-9.

Bourne, Benjamin Arthur, prof. plant path., Univ. Porto Rico, Mayaguez, P. R.

Asst. dir. agr., Barbados, 1919-23; present position, 1923-. Private U. S. Army, 1918-9. —*b.* Bridgetown, Barbados, May 25, 1897 (naturalized 1919); *s.* John Edward and Emma Caroline (Barrow) B.; reared in town; *m.* Marjorie Agnes Stocking, Jan. 15, 1921; *c.* Hervey Arthur. B.S., Syracuse Univ., 1919; M.S., 1924. Phi Beta Kappa; Phi Kappa Phi.

Bourne, Richard Franklin, prof. vet. physiol., Colo. Agr. Coll., Fort Collins, Colo.

Prof. histology and physiol., Kans. City Vet. Coll., 1906-18; present position, 1918-. Vet. insp., U. S. Dept. Agr., June-Sept., 1908. Sec. treas., Mo. Valley Vet. Assoc., 1915-23. —*b.* Delphos, Kans., Feb. 7, 1881; *s.* Daniel M. and Amelia (Spencer) B.; reared on farm; *m.* Edna Mason, Sept. 6, 1905; *c.* Richard Mason, Marjorie Helen. B.S., Kans. State Agr. Coll., 1903; D.V.S., Kans. City Vet. Coll., 1906. Alpha Psi; Phi Kappa Phi.

Bouyoucos, George John, res. prof. soils, Mich. State Coll., E. Lansing, Mich.

Mem. Amer. Red Cross Agrl. Comn. to Greece, 1918-9. —*b.* Tripolis, Greece, May 23, 1889; *s.* John Dimeter and Paraskevi B.; reared on farm and in city. B.S., Univ. Ill., 1908; Ph.D., Cornell Univ., 1911; student, Univ. Goettingen, Univ. Paris, Univ. London, 1913-4. Sigma Xi.

Boving, Paul Axel, prof. agron., Univ. B.C., Vancouver, B.C.

Teach. Ronneby Peoples High-Sch., Sweden, 1900; in chg. root crop invest., Macdonald Coll., Que., 1910-6; present position, 1916-. Practical farmer, Sweden, Denmark, Germany, 1889-96. *Ed.,* Journal of Agriculture for Western Sweden, 1904-9. —*b.* Sweden, Sept. 16, 1871 (naturalized 1913); *s.* Paul and Lida (Wengel) B.; reared on farm; *m.* Lynette Hope Wren; *c.* Ellen Marie. B.A., Malmo, Sweden; B.S.A., Alnarp, Sweden.

Bowden, Ray Boyd, dir. publications, Mont. State Coll., Bozeman, Mont.

Formerly city ed. Daily Statesman, Boise, Ida.; assoc. ed. Daily Chronicle, Pocatello; copy ed. Kans. City Journal. Asst. musical dir., Mont. Nat. Guard. —*b.* Eskridge, Kans., Aug. 5, 1890; *s.* John H. and Lemma A. (Campbell) B.; reared in town; *m.* Grace Child, Aug. 20, 1916; *c.* Gladys Rae, Mary Joan, John Child.

Bowen, John Thomas, tech. Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Draftsman, Wm. Cramp & Sons Ship Yards, 5 yrs.; expert electrical aid to Chief Naval Constructor, Navy Yard, N. Y., 3 yrs.; Newport News, 3 yrs.; Bur. Construction and Repair, Navy Dept., Washington, 1 yr.; present position, 1911-. (Electrical, mech. and refrigerating engin. as applied to agr., particularly dairying). —*b.* Easley, S. C., Aug. 29, 1873; *s.* Thos. Jefferson and Emma Caroline (Briggs) B.; reared on farm; *m.* Georgetta Steedly, Sept. 6, 1911; *c.* Martha Caroline, John T. Jr. B.S., Clemson Agr. Coll., 1896.

Bowen, Orley Glenn, co. agrl. agt., 335 George St., New Brunswick, N. J.

Served in U. S. Army, 1917-8. —*b.* Hartford, N. Y., May 27, 1892; *s.* Smith and Sarah (Hughes) B.; reared on farm; *m.* Aletha DuBois Story, Aug. 31, 1922; *c.* Mary Aletha. B.S., Cornell Univ., 1916.

Bowen, Richard Martin, pres. R. I. League of Agrl. Associations, Buttonwoods, R. I.

Bookkeeper, Profile House, White Mts., 1874-9; chief clerk and paymaster, railroad, 1879-83; head clerk, Otis Clapp & Son, Providence, 1883-1901; sec. and treas. C. W. & R. M. Bowen Co., 1901-25. Sec.-treas. R. I. Hort. Soc.; sec.-treas. R. I. Fruit Growers Assoc.; chm. exec. com., R. I. State

Grange; pres. New England Agrl. Soc.; vice-pres. New England Fruit Show; pres. Amer. Caramel Co. (Apples). —*b.* Providence, R. I., Dec. 10, 1852; *s.* Chas. W. and Louisa S. (Martin) B.; reared in city.

Bower, Russell Forrest, farmer, Campbell, Va.

Dir. Va. Div. and legislative agt., Farmers Educ. and Coop. Union of Amer., and mem. Nat. Bd. Farm Organizations. (Soil fert. and fertilizer production). —*b.* Berwick, Pa., Nov. 15, 1885; *s.* Lahmann Forrest and Gertrude E. (Hennigar) B.; reared in town; *m.* Margaret L. Kirkpatrick, Apr. 15, 1909; *c.* Russell Kirkpatrick, Margaret Hennigar. B.A., Wesleyan Univ., 1907. Alpha Delta Phi.

Bowers, Blanche Brower, asst. state home dem. leader, Ohio State Univ., Columbus, O.

Instr. home econ. ext. in O., 1916-8; home dem. agt., Franklin Co., O., 1918-23; present position, 1923-. —*b.* Lima, O., June 28, 1881; *d.* L. S. and Martha (Pfeifer) Brower; reared on farm; *m.* Jacob Bowers, Nov. 24, 1904. B.I., Lima Coll., O., 1900; B.Sc. in H.E., Ohio State Univ., 1915. Phi Upsilon Omicron.

Bowers, John Hugh, dean Sch. Educ., Okla. A. & M. Coll., Stillwater, Okla.; 1875-Apr. 6, 1923. See Rus 1920.

Bowers, Melville Dorey, specialist agrl. journalism ext., Univ. Md., College Park, Md.

Reporter and news ed. Roanoke Times, Roanoke, Va., 1910-3; poultryman, Laurel, Md., 3 yrs.; present position, 1920-. Corporal Inf., A. E. F., 1918-9. —*b.* Bloserville, Pa., Nov. 17, 1887; *s.* Geo. S. and Frances (Dorey) B.; reared in town; *m.* Clara Adelaide Carr, Nov. 30, 1917; *c.* Frances Anne, Evelyn Carr. A.B., Roanoke Coll., 1908. Delta Phi Sigma; Theta Nu Epsilon.

Bowman, Albert Elijah, dir. ext. work, Univ. Wyo., Laramie, Wyo.

Asst. agron., Utah Agr. Coll., 1911-3; asst. state leader co. agts., Univ. Wyo., 1913-4; dir. ext., 1914-. Dir. institutes in Wyo. *Ed.,* Wyo. Farm Bulletin. —*b.* W. Weber, Utah, Jan. 23, 1881; s. Andrew G. and Hannah (Clayton) B.; reared on farm; *m.* Mary E. Brown, Dec. 15, 1910; *c.* Ramona, Helen Marr. B.S.A., Utah Agr. Coll., 1911. Pi Zeta Pi; Gamma Sigma Delta.

Bowman, Garlen L., princ. Dunn Co. Training Sch. for Teachers, Menomonie, Wis.; Mar. 24, 1855-Apr. 19, 1922. See Rus 1920.

Bowstead, John Edleston, assoc. prof. an. husb., Univ. Alta., Edmonton, Alta.

b. Augusta, Wis., Feb. 17, 1894; *s.* Wm. and Nellie (Goodacre) B.; reared on farm; *m.* Anne E. Douthat, 1921; *c.* Mary Ellen. B.S., Univ. Wis., 1920; M.S., 1921.

Boyce, John Shaw, plant path., U. S. Dept. Agr., 428 New Post Office Bldg., Portland, Ore.

2d Lieut. U. S. Army, 1918. (For. path.). —*b.* Belfast, Ireland, Nov. 9, 1889 (naturalized 1911); *s.* R. R. and Sarah Jane (Waring) B.; reared in town; *m.* Lillian Marion Jameson, May 1917; *c.* John S. Jr. B.Sc., Univ. Neb., 1911; M.F., 1912; Ph.D., Leland Stanford Univ., 1917.

Boyden, Boyd L., ent. chg. Bur. Ent. Field Sta., U. S. Dept. Agr., Daytona, Fla.

b. Cumberland, Wis., Dec. 22, 1885; *s.* Jas. W. and Frances (Lester) B.; reared in town; *m.* Alice Gail Russell, Oct. 8, 1914; *c.* Frances Margaret, Mary Elizabeth. B.A., Pomona Coll., 1912.

Boykin, Garland Lester, teach. voc. agr., high-sch., Clarendon, Tex.

Sugar plantation, Cuba, 1922-3; salesman wholesale market, Armour & Co., Ft. Worth, Tex., 1923; teach. voc. agr. and coach athletics, high-sch., Jasper, 1924; Clarendon, 1924-. 2d Lieut. Field Art., O. R. C. (An. husb.). —*b.* Russell, Tex., June 25, 1900; *s.* J. A. and Lida (Tarland) B.; reared on farm; *m.* Edna Matthews, Sept. 2, 1924. B.S.A., Tex. A. & M. Coll., 1922.

Boyle, James Ernest, ext. prof. rural econ., Cornell Univ., Ithaca, N. Y.

Prof. econ. and political sci., Univ. N. D., 1904-16; field agt. marketing, N. D. Exp. Sta., 1916-7; asst. food supply invest., Bur. Markets, U. S. Dept. Agr., 1917-8; present position, 1918-. Sec. N. D. Potato Growers Assoc. *Auth.*: Financial History of Kansas, 1904; Government of North Dakota, 1910; Beginners' Civics for North Dakota, 1912; Rural Problems in the United States, 1921; Agricultural Economics, 1921; Chicago Wheat Prices for 81 Years, 1922. Contributing ed. to Cooperation, 1910-3: Speculation and the Chicago Board of Trade, 1920. —*b.* Boyle, Kans., Nov. 22, 1873; *s.* John and Mary Ann (Searl) B.; reared on farm; *m.* Effie Lytle, Sept. 13, 1902; *c.* Elizabeth, Louise. A.B., Univ. Neb., 1900; A.M., Univ. Kans., 1901; Ph.D., Univ. Wis., 1904.

Boys, Jessie Austin, asst. prof. home econ., Cornell Univ., Ithaca, N. Y.

Instr. home econ., Cornell Univ., 1917-20; asst. prof., 1920-. (Foods). —*b.* Webster City, Ia.; *d.* Alvah H. and Chloe R. (Scullin) Austin; reared in city; *m.* S. B. Boys, 1909. B.S., Ia. State Coll., 1908; M.S., Columbia Univ., 1920.

Bracken, Aaron F., supt. Nephi Substa., Nephi, Utah.

Instr. agr., Utah Agr. Coll., 1916-7, 1920-3; asst. prof., 1924-. (Dry-farming, plant-breeding). —*b.* Freedom, Wyo., Oct. 11, 1890; *s.* A. F. and Amelia (Hanson) B.; reared on farm; *m.* La-Vern Miller, Oct. 30, 1917; *c.* Flora, Donell. B.S., Utah Agr. Coll., 1914; M.A., 1924.

Bracken, John, Premier of Manitoba, Winnipeg, Man.

Western rep., Dominion Seed Branch, 1906-7; supt. fairs and farmers insts., Sask., 1907-9; prof. field. husb., Univ. Sask., 1909-19; pres. Man. Agr. Coll., 1920-2; present position, 1922-. —*b.* Seeley's Bay, Ont., June 22, 1883; *s.* E. M. and Alberta (Gilbert) B.; reared on farm; *m.* Alice Wylie Bruce, June 22, 1909; *c.* Bruce, Douglas, Gordon, Murray. B. S. A., Ont. Agr. Coll., 1906.

Brackett, Elmer Eugene, prof. agrl. engin., Univ. Neb., Lincoln, Neb.

Instr. electrical engin., Univ. Penn., 1907-10; present position, 1910-. 1st Lieut. A. S., Sig. R. C., 1918-9; in A. E. F., 6 mos. (Autos, tractors, farm electric systems). —*b.* Jamesburg, N. J., Nov. 22, 1876; *s.* Benj. F. and Anne E. (Lary) B.; reared on farm; *m.* Minnie B. Guile, Sept. 17, 1903; *c.* Mary, Annie, E. E. Jr., Jane J. B.Sc. in E.E., Univ. Neb., 1901.

Bradfield, Richard, assoc. prof. soils, Univ. Mo., Columbia, Mo.

Farmer, 1917-20; instr. soils, Univ. Mo., 1920-2; asst. prof., 1922-3; assoc. prof., 1923-. (Soil colloids). —*b.* W. Jefferson, O., Apr. 29, 1896; *s.* Bayard T. and Martha (Truitt) B.; reared on farm; *m.* Ethel M. Hill, June 21, 1923; *c.* Richard Jr. A.B., Otterbein Coll., 1917; Ph. D., Ohio State Univ., 1922. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Alpha Chi Sigma.

Bradford, Frank Russell, manag. Smith Co. Creamery, Box 34, Carthage, Tenn.

Co. agrl. agt., 2 yrs.; manag. Tellico River Lumber Co. Farms, 4 yrs.; teach. voc. agr., Smith Co. High-sch., 1 yr. —*b.* Gibson Co., Tenn., Nov. 4, 1892; *s.* Wm. H. and Dora B.; reared on farm; *m.* Ruth Evelyn Jewell, Apr. 11, 1919; *c.* Frank Russell, Wm. Jewell. B. S. A., Univ. Tenn., 1923.

Bradford, Frederick Charles, assoc. prof. hort., Mich. State Coll., E. Lansing, Mich.

Res. asst. hort., Ore. Agr. Coll., 1911-4; princ. and teach. agr., high-sch., Amherst, N. H., 1914-7; farm help specialist, Off. Farm Manag., U. S. Dept. Agr., 1917-9; asst. prof. hort., Univ. Mo., 1919-22; present position, 1922-. (Pom.). —*b.* Lowell, Mass., Feb. 4, 1887; *s.* Frederick Jas. and Laura Etta (Curtis) B.; reared in city and on farm; *m.* Pearl Elizabeth Whitehouse, Sept. 8, 1910; *c.* Barbara, Wm. Robt. S.B., Harvard Univ., 1908; M.S., Univ. Me., 1911. Alpha Zeta; Gamma Alpha; Alpha Gamma Rho.

Bradford, Harry E., prof. voc. educ. and princ. Univ. Sch. Agr., Univ. Neb., Lincoln, Neb.

Princ. Geneva, Neb., high-sch., 1899-1902; supt. Chadron city schs., 1904-5; supt. Aurora city schs., 1905-9; supt. Kearney city schs., 1909-12; present position, 1912-. —*b.* Sheboygan, Wis., Feb. 12, 1878; *s.* DeWitt A. and Almeda V. (Crocker) B.; reared on farm and in town; *m.* Ethel King, Dec. 27, 1904; *c.* Eloise Marguerite. A.B., Univ. Neb., 1904; A.M., 1917. Phi Delta Kappa; Gamma Sigma Delta; Alpha Zeta.

Bradford, Jesse Charles, co. agrl. agt., Alto, Tex.

Teach public schs., 10 yrs. Served in U. S. Army, 18 mos. —*b.* Alto, Tex., Nov. 25, 1889; *s.* Caesar and Ellen (Griffin) B. (col.); reared on farm; *m.* Willie L. Hayden, Aug. 24, 1918; *c.* Chas. Edward, Thos. Hayden. Grad. Prairie View State Normal and Ind. Coll., 1911.

Bradford, Lawrence Allen, teach. voc. agr., high-sch., Flemingsburg, Ky.

Farmer, 1920-; agrl. agt., Carroll Co., Ky., 1918-20; present position, 1921-. 2d Lieut. U. S. Army, 1918. (Farm manag.). —*b.* Fleming Co., Ky., Jan. 17, 1895; *s.* Chas. L. and Jessie (Falconer) B.; reared on farm; *m.* Pauline H. Rhodes, Dec. 24, 1918; *c.* Chas. Rhodes, Marian, Ruth Thompson. B. S., Univ. Ky., 1917. Alpha Zeta.

Bradfute, Oscar Edwin, farmer and stock breeder, Xenia, O.

Farmer and breeder registered Aberdeen-Angus cattle, 1887-. Dir. Amer. Aberdeen-Angus Assoc., 1892-1904, pres., 1898-9; pres. O. Aberdeen-Angus Assoc.; pres. O. Farm Bur. Assoc., 1918-22; vice-pres. Amer. Farm Bur., 1920-2, pres. 1922-; mem. White House Ind. Conference, Oct. 1919; mem. Special Fact Finding Comn. on Reclamations, Dept. Interior, 1923-4; del. to Intern. Inst. of Agr. at Rome, 1924; mem. Pres. Coolidge's special agrl. conference com., 1924. Fed. Trustee, O. Agr. Exp. Sta., 1900-5, pres. Bd., 1905; trustee Ohio State Univ., 1905-.; pres. Bd., 1911-2; trustee Cedarville Coll., 1916-22. —*b.* Cedarville, O., Jan. 21, 1862; *s.* David and Mattie E. (Collins) B.; reared on farm; *m.* Jennie M. Collins; *c.* David C., Helen, John Edwin. B.A., Ind. Univ., 1884. Phi Delta Theta.

Bradlee, Thomas, dir. agrl. ext. serv., Univ. Vt., Burlington, Vt.

Instr. agr. and farm supt., Smith's Agrl. Sch., Northampton, Mass., 1911-3; present position, 1913-. Mem. Vt. State Fair Comn., 1918-23; mem. com. on ext. organization and policy, Amer. Land Grant Coll. Assoc., 1918-23. —*b.* Lewiston, N. Y., Oct. 9, 1885; *s.* Chas. Nathaniel and Ella Jane (Nichols) B.; reared on farm; *m.* Jennie Lena Rowell, Oct. 9, 1918. B.S.A., Cornell Univ., 1911. Alpha Zeta; Acacia.

Bradley, Frederick Arthur, teach. voc. agr., high-sch., Bristol, W. Va.

Teach. voc. agr., high-sch., Sherrard, W. Va., 1917-8; princ. and teach. agr., 1918-20; teach. voc. agr., high-sch., Rivesville, 1920-3; Bridgeport, 1923-4; supt. schs., ten mile distr. in Harrison Co., and teach. agr., Bristol, 1924-. Sec.-treas. W. Va. Voc. Agr. Teach. Assoc. —*b.* Grafton, W. Va., June 29, 1887; *s.* John W. and Christina J. (McDaniel) B.; reared on farm; *m.* Jessie Beryl Price, Jan. 28, 1914; *c.* Rex Arthur, Katherine Louise, Ada Virginia. B.S. A., W. Va. Univ., 1921.

Bradley, James Chester, prof. systematic ent. and curator invert. zool., Cornell Univ., Ithaca, N. Y.

Asst. ent., Cornell Univ., 1905-6; asst. ent., Univ. Calif., 1906-7; asst. ent., Cornell Univ., 1907-9; fellow ent., 1909-10; asst. prof., 1911-20; prof. and curator, 1920-; exchange prof., Univ. Calif., 1917-8; special asst. ent., State of Ga., 1909-13. Collecting exped. in Canadian Rocky and Selkirk Mts., Pacific Coast, Okefenoke Swamp, S. and Cent. Amer. (Taxonomy of Hymenoptera). —*b.* W. Chester, Pa., Feb. 11, 1884; *s.* Daniel Hiester and Lucy Virginia (Blanchard) B.; reared on farm. A.B., Cornell Univ., 1906; M.S., Univ. Calif., 1907; Ph.D., Cornell Univ., 1910. Sigma Xi; Gamma Alpha; Pi Kappa Alpha.

Bradt, Clarence G., co. agrl. agt., Schenectady, N. Y.

Asst. manag. St. Lawrence Co. Farm Bur., 1922; Schenectady Co., 1922-. Served in U. S. Navy. —*b.* Rome, N. Y., June 2, 1898; *s.* De Linton and Ruth (Crowell) B.; reared on farm and in city. B.S., Cornell Univ., 1922. Alpha Zeta.

Bradt, Emerson Peart, fruit-grower, Niagara-on-the-Lake, Ont.

Asst. agrl. rep., Lamark Co., Ont., 1910-1; agrl. rep., Dundas Co., Ont., 1912-9; deputy minister agr. for N. B., 1919-20. Sec. Dundas Co. Bd. Agr.; sec. and manag. St. Lawrence Valley Fruit-Growers Assoc. (Live-stock). —*b.* Cayuga, Ont., Jan. 17, 1885; *s.* Levi and Mary Ann (Peart) B.; reared on farm; *m.* Margaret Bell Cox, Dec. 25, 1912; *c.* Oliver Augustine, Marjorie Lorraine. B.S.A., Ont. Agr. Coll., 1912.

Brainard, George Henry, co. agrl. agt., Sodus, N. Y.

Superv. cow-testing assoc., 1915-6; farmer, Arkport, N. Y., 1917; farm machine expert, John Deere Plow Co., 1920; asst. agrl. agt., Steuben Co., 1921-2; agrl. agt. Seneca Co., 1922-5; Wayne Co., 1925-. Corporal Inf., U. S. Army, 1917-9. —*b.* Binghamton, N. Y., May 13, 1893; *s.* Burnett E. and Anna L. (Sherwood) B.; reared in city and country; *m.* S. Louise Cole, Apr. 8, 1922. B.S.A., Syracuse Univ., 1920. Sigma Phi Epsilon.

Bralliar, Floyd, prof. agr. and related sci., Nashville Agrl. Normal Inst., Madison, Tenn.

Teach. public and high-schs., 1895-1900; prof. pedagogy, Union Coll., 1900-3; princ. Ia. Ind. Acad., 1903-9; princ. Hillcrest Sch. Farm, 1909-15; present position, 1915-. Ex-pres. Tenn. Beekeepers Soc.; dir. Ia. State Florists Assoc.; regional vice-pres. Nat. Iris Soc. Formerly assoc. ed. Southern Poultry Journal. *Auth.*: Elo the Eagle and Other Stories, 1909; Knowing Birds Thru Stories, 1921; Knowing Insects Thru Stories, 1916. (Plant-breeding, nature-study). —*b.* Richland, Ia., Sept. 11, 1875; *s.* W. G. and Martha Ann (Hornbeak) B.; reared on farm; *m.* Ada Conard, 1897 (d. 1900); 2d Mertie Boynton, 1903; *c.* Ena Marie, Ada Conard, Alice Isabella, Floyd Boynton, John Seward. B.S., Walla Walla Coll., 1895; M.S., Emmanuel Missionary Coll., 1920; Ph.D., Geo. Peabody Coll., 1922.

Bramham, Nell Chandler, home dem. agt., Tazewell, Va.

b. Wallace, W. Va., Sept. 25, 1900; *d.* E. C. and Queenie (Temple) B.; reared on farm. A.B., Hollins Coll., Va., 1923.

Branch, Fayette Hinds, farm manag. dem., Mass. Agr. Coll., Amherst, Mass.

Farm manag. invest., U. S. Dept. Agr., 1914-9; dairy farmer, 1919-23; present position, 1924-. —*b.* E. Springfield, N. Y., June 26, 1889; *s.* Chas. N. and Lois (Walrath) B.; reared on farm; *m.* Laura E. Jones, Nov. 29, 1916; *c.* Chas. Leland, Fayette Hinds Jr. B.S., Cornell Univ., 1914. Kappa Delta Rho.

Branch, George Verne, dir. Municipal Bur. Markets, Dept. Public Welfare, Detroit, Mich.

Formerly specialist in city marketing, Bur. Markets, U. S. Dept. Agr. (Distributing perishable foodstuffs). —*b.* Boyne Falls, Mich., Aug. 28, 1887; *s.* Geo. Harrison and Elma A. (Jones) B.; reared in small city; *m.* Leonora M. Buck, Dec. 24, 1913; *c.* Geo. Harrison, Margaret Elizabeth. B.S., Mich. Agr. Coll., 1912.

Brand, Charles John, exec. sec. and treas. Nat. Fertilizer Assoc., 702 Insurance Bldg., Washington, D. C.

Asst curator bot., Field Museum Nat. Hist., Chicago, 1902-3; with U. S. Dept. Agr., 1903-19; chief Bur. Markets, 1913-9; vice-pres. and gen. manag. Amer. Fruit Growers Inc., 1919-22; consulting specialist in marketing, U. S. Dept. Agr., 1922-5; present position, 1925-. Mem. com. on Southwestern Cotton Culture, 1912-8; mem. Nat. War Emergency Agrl. Conference, St. Louis, 1917; mem. joint price-fixing com. and cotton compression com., Council Nat. Defense, 1917-8; chm. com. on cotton distribution and mem. wool sect., War Industries Bd. Del. Pan-Amer. Financial Conference, Washington, 1915, 1920; del. Pan-Amer. Sci. Congress,

1915-6 and chm. marketing and distribution subsect.; mem. com. of trade assoc., U. S. Chamber of Commerce; mem. Agrl. Comn. to Europe, 1923; del. Intern. Congress Chambers of Commerce, Rome, 1923. (Marketing and distribution of agrl. products). —*b.* Lac-qui-Parle Co., Minn., Oct. 24, 1879; *s.* Chas. and Mary (Buri) B.; *m.* Mary E. Vining, Dec. 24, 1903. B.A., Univ. Minn., 1902. Sigma Xi.

Brandes, Elmer Walker, sr. path. in chg. Office Sugar Plant Invests., U. S. Dept. Agr., Washington, D. C.

Supt. city nursery, Palmer Park, Detroit, Mich., 1914; path., P. R. Agr. Exp. Sta., 1915-6; instr. mycology, Univ. Mich., 1917-8; path., U.S. Dept. Agr., 1918-23; sr. path., 1923-. Traveled in Cent. and S. Amer. to study diseases of banana, 1915-9; Orient, 1922-3. Del. to Pan-Pacific Food Conservation Conference, Honolulu, 1924; mem. Wash. Acad. Sci. 1st Lieut. Sanitary Corps, U. S. Army, 1918-9. —*b.* Washington, D. C., July 15, 1891, *s.* Frederick Wm. and Emma T. (Pangburn) B.; reared in town; *m.* Grace Victoria Newbold, Aug. 25, 1915; *c.* Elizabeth Pangburn, Ann Newbold, Margaret. B. S., Mich. Agr. Coll., 1913; Ph.D., Univ. Mich., 1918.

Brandon, Benjamin Franklin, supt. U. S. Dept. Agr. Exp. Sta., Beltsville, Md.

b. Kokomo, Ind., Sept. 26, 1893; *s.* B. F. and Sarah J. (Davis) B.; reared on farm. B.S.A., Purdue Univ., 1915. Alpha Zeta; Sigma Delta Chi.

Brandon, Mary Jane, jr. an. husb., U. S. Dept. Agr., Washington, D. C.

Teach. high-sch., Kokomo, Ind., 1914-7; clerk U. S. Dept. Agr., 1917-21; jr. an. husb. in chg. wool scouring lab., 1921-. —*b.* Kokomo, Ind., June 8, 1891; *d.* Benj. F. and Sarah Jane (Davis) B.; reared on farm. A.B., Butler Coll., 1914. Kappa Kappa Gamma.

Brandt, Philip Martin, prof. dairy husb., Ore. Agr. Coll., Corvallis, Ore.

Asst. dairy husb., Univ. Mo., 1911-2; instr., 1912-4; asst. prof., 1914; supt. short courses and asst. to dean, 1914-7; present position, 1917-. Sec. Mo. State Dairy Assoc., 1911-5; sec. Ore. Dairymens Assoc., 1918-; pres. Ore. Dairy Council, 1919-. —*b.* Nevada, Mo., Aug. 6, 1888; *s.* Geo. Adam and Anna (Upp) B.; reared on farm; *m.* Mattie May Torr, Mar. 1, 1911; *c.* Harriet Anne, Philip M. Jr. B.S. in Agr., Univ. Mo., 1910; A.M., 1913. Gamma Sigma Delta.

Branegan, Gladys A., prof. and head home econ. dept., Mont. State Coll., Bozeman, Mont.

Teach. high-sch., Madison, Wis., 1913-5; State Normal Coll., Platteville, 1915-7; Tex. State Coll. for Women, Denton, 1917-8; in Mont. ext. serv., 1920-1; present position, 1921-. Pres. Mont. Home Econ. Assoc., 1920-2. —*b.* Disko, Ind., June 23, 1891; *d.* Robt. and Sophrona (Lukens) B.; reared in village. B.S., Univ. Wis., 1913; M.A., Columbia Univ., 1920. Alpha Gamma Delta; Phi Kappa Phi; Omicron Nu; Phi Upsilon Omicron.

Brannen, Claude O., assoc. agrl. econ., U. S. Dept. Agr., Washington, D. C.

Auth.: Tax Assessors Rate Guide, 1913; History of Taxation in Tennessee, 1920; Relation of Land Tenure to Plantation Organization, 1924. (Taxation). —*b.* Holly, Tex., Sept. 28, 1884; *s.* Noah and Ella J. (Harris) B.; reared on farm; *m.* Annie Ola Holman, June 1, 1910; *c.* Claudine, Cecil Gray. Grad. N. Tex. Normal Coll., 1914; B.S., Peabody Coll., 1918; A.M., 1919; grad. student, Columbia Univ., 1922.

Brannon, James Marshall, asst. prof. dairy bact., Univ. Ill., Urbana, Ill.

Grain farmer, 1918-24; instr. plant physiol., Cornell Univ., 1920-1; present position, 1921-. —*b.* Lowell, Ind., Dec. 14, 1882; *s.* W. P. and Ella S. (Barber) B.; reared on farm and in town; *m.* Emily Lindstrom, June 22, 1910; *c.* Mildred Jeannette. A. B., Univ. N. D., 1907; M.A., Univ. Wis., 1914; Ph.D., Cornell Univ., 1920. Sigma Xi.

Branson, Eugene C., Kenan prof. of rural econ. and sociol., Univ. N. C., Chapel Hill, N. C.

Teach. country sch., N. C., 1881-2; princ. high-sch., Raleigh, N. C., 1883-4;

supt. sch., Wilson, N. C. and Athens, Ga., 1886-97; prof. pedagogy, Ga. State Normal and Ind. Coll., 1897-1900; pres. Ga. State Normal Sch., Athens, 1900-12; present position, 1913-. Mem. Moseley Comn. Amer. Teachers studying English schs. Four trips to Europe. Dir. Food Adminis., Orange Co., N. C. Mem. N. C. State Reconstruction Comn.; mem. N. C. State Comn. on Farm Tenancy and State-aid to Landless Farmers. *Auth.*: Methods of Teaching Arithmetic, 1896; Methods of Teaching Reading and Spelling, 1896; Revised Page's Theory and Practice of Teaching, 1899. *Ed.*, Farm and Homestead, Athens, Ga.; Ga. Edition Arnold's Waymarks for Teachers, 1900; Ga. Edition Shaw's School Hygiene, 1901; Branson's Common-School Spellers, 1900; Johnson's Readers; Farm-Life Studies in the South; How Farm Tenants Live in N. C.; Farm Life Studies in Germany, Denmark and France; N. C. Club Year-Books; Univ. N. C. News Letter, 1914-. —*b.* Morehead City, N. C., Aug. 6, 1861; *s.* Levi and Edith (Cunningham) B.; reared in town and country; *m.* Lottie Lanier, Sept. 27, 1889; *c.* Frank Lanier, Edith, Philip, Elizabeth. A.M., Trinity Coll., N. C.; A.M., Peabody Coll., Nashville, Tenn., 1906; Litt.D., Univ. Ga., 1919. Alpha Tau Omega.

Branstetter, Basil Baxter, co. agrl. agt., Liberty, Mo.

Instr. field crops, Univ. Mo., 1920-4; present position, 1924-. Corporal Inf., U. S. Army, 1918. —*b.* Curryville, Mo., June 27, 1896; *s.* F. T. and Elfie Snow (Baxter) B.; reared on farm; *m.* Madge LaForce, 1921; *c.* Phyllis, Baxter Lee. B. S. A., Univ. Mo., 1920. Alpha Zeta; Alpha Gamma Rho.

Brant, Howard J., ext. specialist an. husb., Univ. Wis., Madison, Wis.

Supt. Branch Exp. Sta., Wyo. Ind. Inst., Worland, Wyo., 1921-3; present position, 1923-. Served in Inf., U. S. Army, 1917-9. (Swine, beef cattle). —*b.* Youngstown, O., Mar. 31, 1896; *s.* John J. and Anna R. (Sprinkle) B.; reared on farm and in town. B.S., Univ. Wis., 1920; M.S., 1921. Alpha Zeta; Alpha Gamma Rho.

Brant, William O., co. agrl. agt., Storm Lake, Ia.

Formerly co. agrl. agt., Vinton, Ia. —*b.* Meriden, Ia., Mar. 18, 1886; *s.* John and Hedvig (Johnson) B.; reared on farm; *m.* Mamie Heline, Mar. 31, 1918. B.S.A., Ia. State Coll., 1912.

Branyon, Edgar Watterson, teach. voc. agr., State Secondary Agrl. Sch., Albertville, Ala.

Teach. rural schs., Fayette Co., Ala., 2 yrs.; Walker Co. High-Sch., Jasper, Ala., 1913-5; Cent. High-Sch., Jackson, Miss., 1916-8; Cent. High-Sch., Memphis, Tenn., 1919; assoc. prof. agrl. educ., Miss. A. & M. Coll., 1919-20; present position, 1920-. Served as private, Chem. Warfare Serv., 1 yr. —*b.* Kennedy, Ala., Sept. 28, 1890; *s.* John L. and Alpha (Smith) B.; reared on farm; *m.* Nell Walker, Oct. 19, 1919. B.S., Peabody Coll., 1916; M.A., 1919.

Braunton, Ernest, lands. designer, 317 Central Ave., Los Angeles, Calif.

Prof. lands. gard., Univ. S. Calif., 1914-9. Mem. Los Angeles Co. Bd. For., 1911-2; mem. Park Comn., Los Angeles, 1916-8. *Auth.*: The Garden Beautiful in California, 1915. *Ed.* gard. dept., Los Angeles Times, 1903-; assoc. ed. California Cultivator, 1901-. —*b.* London, England, Aug. 21, 1867 (naturalized as minor); *s.* Wm. and Emma (Haslett) B.; reared in town and on farm; *m.* Addie M. Kirkpatrick, May 17, 1899; *c.* Bertram, Helen, Marian, Stanley, Ernestine.

Bray, Charles Iseard, assoc. prof. an. husb., Colo. Agr. Coll., Fort Collins, Colo.

Manag. dairy herd, Miss. A. & M. Coll., 1904-10; asst. prof. an. husb., Okla. A. & M. Coll., 1910-3; assoc. prof., 1913-4; present position, 1915-. Live-stock ed., Okla. Farmer and Stockman, 1912-4. (Sheep, wool, meats). —*b.* Huntsville, Ont., July 29, 1882; *s.* Edward and Charlotte Elder (Brackenridge) B.; reared on farm; *m.* Edith Agnes Russell, Aug. 8, 1912. B.S.A., Ont. Agr. Coll., 1904; M.S., Miss. A. & M. Coll., 1907. Alpha Zeta.

Bray, Stephen, general asst., Packers and Stockyards Adminis., U. S. Dept. Agr., Washington, D. C.

Teach. public schs., 1900-4. —*b.* Knox Co., Ky., Feb. 7, 1878; *s.* Wm. F. and Emily J. (Baker) B.; reared on farm. LL.B., Kans. City Sch. Law, 1908.

Bredvold, August Julius, co. agrl. agt., Stanley, N. D.

Teach. agr. and manual training, high-sch., Halstad, Minn., 1909-13; teach. agr., high-sch., Bowman, N. D., 1919-20; agrl. agt. Mountrail Co., 1921-. —*b.* Springfield, Minn., Mar. 12, 1886; *s.* Ludvig L. and Nellie (Hanson) B.; reared on farm; *m.* Alma O. Lea, Sept. 18, 1913; *c.* Lloyd M., Adelaide N., Glenn I. Student Univ. Minn.

Breed, Robert S., bact., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Instr. biol., Univ. Colo., 1898-9; asst. zool., Harvard Univ., 1900-2; prof. biol., Allegheny Coll., 1902-13; present position, 1913-. Fellow A. A. A. S. Del. VIII. Intern. Zool. Congress, Austria, 1910; del. VI. Intern. Dairy Congress, Switzerland, 1914; vice-pres. Worlds Dairy Congress, Washington, 1923. Operated dairy farm, 1899-1910. (Dairy and food bact., milk sanitation). —*b.* Brooklyn, Pa., Oct. 17, 1877; *s.* Robt. Fitch and Emma (Beers) B.; reared on farm; *m.* Louise Miller Heim, Aug. 23, 1899 (d. 1905); 2d, Emma Margaret Edson, July 2, 1913; *c.* Alice F. B.S., Amherst Coll., 1898; M.S., Univ. Colo., 1899; Ph.D., Harvard Univ., 1902; studied at Landwirtschaftliches Inst., Univ. Goettingen, 1910; Univ. Kiel and Versuchsstation fur Molkeriwesen, 1911; Pasteur Inst., 1923. Phi Beta Kappa; Sigma Xi; Phi Gamma Delta.

Breeden, Edward Valentine, co. agrl. agt., Gordonsville, Va.

Fruit and general farming, 9 yrs. Dir. Gordonsville Farmers Club. (Apples). —*b.* Richmond, Va., June 19, 1884; *s.* Powhatan and Maria May B.; reared in city; *m.* Sadie L. Brackett; *c.* E. V. Jr.

Brehm, Cloide Everett, asst. dir. agrl. ext. serv., marketing specialist, U. S. Dept. Agr. and Univ. Tenn., Knoxville, Tenn.

Instr. veg. gard., Purdue Univ., 1911-2; agrl. ed., Intern. Correspondence Sch., 1913-4; truck farming, Philadelphia, Pa., 1914-5; nursery work with Henry Dreer Co., 1916-7; marketing specialist, Bur. Markets, U. S. Dept. Agr., 1917-9; present position, 1919-. —*b.* Newville, Pa., Mar. 23, 1889; *s.* John J. and Belle (Heffelfinger) B.; reared on farm and in city; *m.* Ruth Dapp, Dec. 25, 1912; *c.* J. Fred, Alice Jean. B.S., Penn. State Coll., 1911. Alpha Zeta; Phi Kappa Phi.

Breithaupt, LeRoy, co. agrl. agt., Ontario, Ore.

Teach. agr., high-sch., Pendleton, Ore., 1911; supt. Harvey Branch Exp. Sta., Burns, 1912-7; farmer, 1918-9; agrl. agt. Malheur Co., 1920-. —*b.* Portland, Ore., 1886; *s.* Henry and Alma E. (Hollenbeck) B.; reared on farm; *m.* Ruby E. Elliott, 1912. B.S., Ore. Agr. Coll., 1910.

Brekke, Julia Ella, asst. state leader home dem. agts., Mich. State Coll., E. Lansing, Mich.

Teach. public schs., Minn., 3 yrs.; instr. foods, Okla. Coll. for Women, Chickasha, 1916-7; home dem. agt., Clinton Co., Ia., 1917-23. —*b.* Faribault Co., Minn., Feb. 1, 1887; *d.* R. M. and Thorine (Jacobson) B.; reared on farm. B.S., Ia. State Coll., 1916; M.A., Univ. Chicago, 1924.

Bremner, James, supt. live-stock, Dept. Agr., Fredericton, N. B.

Seed and potato insp., N. B., 1915-7; drainage surveying, summers 1915-6; distr. rep., Chatham, N. B., 1917-20; Moncton, 1920-1; present position, 1921-. Sec. N. B. Potato Growers Assoc., 1918-20; sec. N. B. Sheep Breeders Assoc., 1921-. —*b.* Chatham, N. B., June 26, 1894; *s.* Philip and Mary Alice (McLean) B.; reared on farm; *m.* Helen Brown McNaught, July 25, 1922; *c.* Dorothy Margaret, Marjorie Christine. Grad. N. S. Agr. Coll.

Brenckman, Frederic, sec. Penn. State Grange, 426 Telegraph Bldg., Harrisburg, Pa.

Farmer, 13 yrs.; editorial staff Hazleton, Pa., Daily Standard, 1908; assoc.

ed. Penn'a Grange News, 7 yrs., now ed.; legislative agt. and sec. Penn. State Grange, 1918-; chm. farm com. Penn'a State Conservation Council. *Auth.*: History of Carbon County, Pa., 1913, 2d ed. 1918. —*b.* Hudsondale, Pa., Feb. 17, 1876; *s.* Frederick and Susan (Bittner) B.; reared on farm; *m.* Sarah L. MacHale, 1918. Grad. Peirce Sch., Philadelphia.

Brengle, Henry Irwin, instr. voc. agr. and supt. high-sch., Austwell, Tex.

Farmer, Tex., 5 yrs.; co. agrl. agt., 3 yrs. Lived in Cuba, 1903-4; northern Mex., 1912. —*b.* Tampa, Fla., June 25, 1891; *s.* Samuel F. and Mary A. (Keigwin) B.; reared in city and on farm; *m.* Mary Pauline Ott, Dec. 24, 1914; *c.* Mary Pauline. B.S.A., Ala. Poly. Inst., 1912.

Bressler, Raymond George, vice-dean and dir. of instruction, Penn. State Coll., State College, Pa.

Asst. prof. English and public speaking, Tex. A. & M. Coll., 1910-5; asst. div. public discussion, Univ. Tex., 1915-6; assoc. prof. rural sociol. and head rural educ., Dept. of Ext., 1916-7; asst. dir. voc. agr. for Tex., 1917-8; prof. rural sociol. and dir. short-courses, Penn. State Coll., 1918-23; present position, 1923-. *Auth.*: Questions on Readings in English Literature, 1914. —*b.* Halifax, Pa., Mar. 9, 1887; *s.* Ryan Andrew and Mary Ellen (Etzweiler) B.; reared on farm; *m.* Sadie Lebo, Feb. 4, 1910; *c.* Raymond G. Jr., Angelin, Elaine, Sara Hope. A.B., Valparaiso Univ., 1908; M.A., Wofford Coll., 1910; M.S., Univ. Wis., 1917; B.S. in Agrl. Educ., Tex. A. & M. Coll., 1919. Alpha Zeta; Tau Kappa Epsilon; Alpha Gamma Phi; Gamma Sigma Delta.

Bressman, Earl Norman, assoc. prof. agron. and agron. Exp. Sta., Ore. Agr. Coll., Corvallis, Ore.

Instr. farm crops, Ia. State Coll., 1919-22; prof. agron. and farm manag., N. Mex. A & M. Coll., 1922; asst. prof. agron., Mont. State Coll., 1923; present position, 1924-. Lieut. Air Serv., 1917-8. *Auth.*: (with Wallace) Corn and Corn Growing, 1923. (Crop breeding). —*b.* Clifton Hill, Neb., Aug. 25, 1894; *s.* Theodore and Christine (Johnson) B.; reared on farm; *m.* Leone Anita Moorhead, Sept. 1, 1921; *c.* Donna Ann. B.S., Ia. State Coll., 1920. Alpha Gamma Rho.

Bretch, Glenn Edward, teach. voc. agr., high-sch., Clymer, N. Y.

b. Clayton, N. Y., Aug. 1, 1902; *s.* Chas. E. and Alice J. (Rasbach) B.; reared on farm. B.S., Cornell Univ., 1923.

Brett, William, teach. voc. agr., high-sch., Shelby, Ia.

Served in Field Art., U. S. Army, World War. —*b.* Rochelle, Ill., Sept. 21, 1890; *s.* Peter and Mary Ellen (Dick) B.; reared on farm. B.S., Ia. State Coll. 1918. Sigma Pi.

Brew, James Duncan, ext. prof. dairy bact., Cornell Univ., Ithaca, N. Y.

Asst. bact., N. Y. Exp. Sta., Geneva, 1912-7; assoc. dairy bact., Univ. Ill., 1917-9; dairy agt., Nestles Food Co., 1919; present position, 1919-. —*b.* Bergen, N. Y., Oct. 22, 1881; *s.* Duncan and Katerine (Sutherland) B.; reared on farm; *m.* Lucy W. Bergan, Sept. 29, 1914; *c.* Jas. D. Jr., Helen Louise. B.S., Cornell Univ., 1912; M.S., Univ. Ill., 1921. Sigma Xi.

Brewer, Fred S., teach. voc. agr., high-sch., Milford, Ill.

b. Atwood, Ill., Apr. 14, 1900; *s.* H. B. and Rhoda (Moore) B.; reared on farm. B.S., Univ. Ill., 1923. Alpha Tau Alpha.

Brewer, Lawrence Condit, co. agrl. agt., Lexington, Ky.

Co. agrl. agt., Gallatin, Tenn., 1916-7; farm manag., 1919-21; agrl. agt. Union Co., Ky., 1921-5; agrl. agt. Fayette Co., 1925-. Served in U. S. Army, 1917-9. —*b.* Harrodsburg, Ky., Dec. 22, 1894; *s.* L. D. and Lucy (McAfee) B.; reared on farm and in town; *m.* Juliet Maxwell Goddard, Oct. 20, 1920; *c.* Katherine Dade. B.S., Ia. State Coll., 1917. Alpha Zeta; Sigma Nu; Theta Nu Epsilon.

Brewer, Lucile, asst. prof. home econ., Cornell Univ., Ithaca, N. Y.

Teach. public sch., Gordon, Neb., 5 yrs.; with Univ. Mont., 5 yrs. (Food and nutr.). —*b.* Graysville, Ind.; *d.* Stephen V. and Sarah Alice (Julian) B.; reared on farm and in town. B.S., Univ. Mont.

Brewster, Charles Stockton, vice-pres. and treas. Hodgen-Brewster Milling Co., Portland, Ore.

Res. asst. poultry husb., Ore. Agr. Coll., 1914-5; instr., Cornell Univ., 1915-6; instr., Purdue Univ., 1916-7; asst. prof. poultry husb., Ore. Agr. Coll., 1917-20; manag. feed dept. Kerr Gifford & Co., Inc., Portland, Ore., 1920-4; present position, 1924-. —*b.* Minneapolis, Minn., July 22, 1886; *s.* Chas. E. and Fannie May (Edwards) B.; reared in city; *m.* Rachel Webb Haight, Aug. 7, 1917. B.S.A., Ore. Agr. Coll., 1913. Gamma Alpha; Gamma Sigma Delta.

Bricker, Garland Armor, assoc. ed., Farm Life, Spencer, Ind.

Teach. rural schs., 2 yrs.; grammar sch., 2 yrs.; princ. high-sch., McArthur, O., 1905-6; supt. schs., New Holland, O., 1906-9; asst. agrl. educ., Ohio State Univ., 1910-1; prof., 1911-6; prof. agrl. teaching and dir. rural ext. serv., Coll. Agr., Syracuse Univ., 1916-9; pres. N. D. State Sch. Sci., 1919-21; agrl. training officer of Ohio, U. S. Veteran Bur., 1921-3; dir. N. Y. State Inst. Applied Agr., L. I., 1923; present position, 1924-. Lect. teachers' and farmers' insts., summer schs. *Auth.*: The Teaching of Agriculture in the High-School, 1911; Solving the Country Church Problem, 1913; Agricultural Education for Teachers, 1914; Bricker's Agricultural Charts, 1915; The Church in Rural America, 1919; Illustrated Lessons in Agriculture, 1919. *Ed.,* The Rural Educator, 1915-6. —*b.* Etna, Licking Co., O., Mar. 20, 1881; *s.* David A. and Christianna A. (Rudolph) B.; reared in country village; *m.* Mabel McClelland; *c.* Paul, Robt. B.Ped., Lima Coll., 1907; B.S., (Agr.) Ohio Univ.; M.A., Univ. Ill., 1910. Phi Kappa Phi; Acacia.

Bridges, John William, state superv. agrl. educ., State Capitol, Oklahoma City, Okla.

Supt. schs., Harmon Co., Okla., 1913-4; instr. Cent. State Teach. Coll., Edmond, 1914; instr., Okla. A. & M. Coll., 1915-6; head dept. agrl. and rural educ., Univ. Okla., 1917-8; dir. Garden Bur. for Okla. and with Bur. Educ., Washington, 1918-9; present position, 1919-. —*b.* Miss., June 6, 1885; *s.* John Henry and Mollie (Gaston) B.; reared on farm; *m.* Susan DeGraff, Sept. 6, 1913; *c.* John DeGraff, David Henry, Robt. Alden. B.S., Okla. A. & M. Coll., 1915; M.S., 1916. Phi Kappa Phi.

Brierley, Philip, jr. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Private, U. S. Army, 1918. —*b.* Dover, N. H., May 19, 1899; *s.* Benj. and Harriet (Tarbuck) B.; reared on farm. B.A., Univ. Minn., 1921; M.S., 1922. Phi Beta Kappa; Sigma Xi; Sigma Alpha Epsilon; Alpha Zeta; Gamma Alpha; Gamma Sigma Delta.

Brierley, Wilfrid Gordon, assoc. prof. pom., Univ. Minn., University Farm, St. Paul, Minn.

Hort., Nat. Farm Sch., Doylestown, Pa., 1907-9; instr. hort., Wash. State Coll., 1909-13; asst. prof. hort., Univ. Minn., 1913-7; assoc. prof., 1917-; chm. Div. Hort., 1915-9; in chg. sect. of fruit-growing, 1919-. Vice-pres. for Minn., Amer. Pom. Soc., 1913-5. (Econ. of fruit culture; blueberry culture). —*b.* Dover, N. H., Sept. 9, 1885; *s.* Benj. and Harriet (Tarbuck) B.; reared in city suburbs; *m.* Beulah Wellman, June 30, 1914; *c.* Wilfrid G. Jr. B.S.A., Cornell Univ., 1906; M.S., Wash. State Coll., 1913. Zeta Epsilon Zeta; Gamma Sigma Delta; Alpha Zeta.

Briggs, Cyrus Ripley, co. agrl. agt., Corvallis, Ore.

Co. fruit insp., Benton Co., Ore. 1st Lieut. Inf., A. E. F., 1917-9. (Farm manag.). —*b.* Sioux City, Ia., Apr. 20, 1893; *s.* W. P. and Eleanor A. (Van-Patten) B.; reared on farm; *m.* Rita Elizabeth Mayse, May 4, 1918; *c.* Dorothy Elizabeth, Cyrus R. Jr. B.S., Ore. Agr. Coll., 1921. Alpha Zeta.

Briggs, Frank A., ed. Farm and Ranch, 2619 N. Haskell Ave., Dallas, Tex.

Manag. ed. La Crosse, Wis., Press; Dallas Morning News. *Auth.*: Texas Almanac and Industrial Guide, 1911, 1912, 1914. —*b.* Friendship, Wis., Mar. 30, 1872; *s.* Erastus and Elmina (Pelton) B.; reared in small town; *m.* Io Cleveland Pasco, Nov. 10, 1903; *c.* Io Elmina.

Briggs, George McSpadden, ext. agron. and asst. co. agt. leader, Univ. Wis., Madison, Wis.

Farmer and stockman, Dak., 1907-10; farmer, Minn., 1910-1; corn invest. work, Univ. Minn., 1911-3; co. agrl. agt., Wis., 1916-20; present position, 1920-. —*b.* Houston, Minn., May 19, 1884; *s.* Henry R. and Octavia (McSpadden) B.; reared on farm; *m.* Mary McNelly, 1909; *c.* Helen, Wm. Randolph, Geo. Jr., Frank, Rodney. B.S., Univ. Minn., 1916.

Briggs, Glen Newton, assoc. agron., Okla. A. & M. Coll., Stillwater, Okla.

Student asst., Okla. A. & M. Coll., 1915-6; field agt. Off. Farm Manag., U. S. Dept. Agr., 1916; station and college farmer, Okla. A. & M. Coll., 1916-7; agron., Guam Agr. Exp. Sta., Guam, U. S. Dept. Agr., 1917-20; present position, 1921-. Traveled in S. Sea Isls., Hawaii, Philippine Isls., Japan. (Trop. agr., cotton, forage crops). —*b.* Clay Center, Neb., Oct. 27, 1890; *s.* John and Belle M. (Stone) B.; reared on farm; *m.* Vallie Price, Mar. 24, 1917; *c.* Wanda, Nadeen. B.S., Okla. A. & M. Coll., 1916; M.S., 1922. Alpha Zeta; Kappa Sigma.

Brigham, Elbert Sidney, farmer, St. Albans, Vt.

Comnr. of agr. for Vt., 1913-24; rep. to U. S. Congress, 1924-. Pres. Vt. Hort. Soc., 1904-5; pres. Vt. Farmers War Council; mem. New England Fed. Milk Comn.; mem. Adv. Com. on Nat. Agrl. Problems. Farmer, 1903-. Head butter and cheese sect., U. S. Food Adminis., 1918. —*b.* St. Albans, Vt., Oct. 19,1877; *s.* Sanford J. and Sarah J. (Bronson) B.; reared on farm; *m.* Anna S. Hazen. Oct. 2, 1906. B.S., Middlebury Coll., 1903; M.S., Univ. Vt., 1913(hon.). Phi Beta Kappa; Delta Kappa Epsilon.

Brigham, Reuben, in chg. visual instr. and editorial sect., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Farmer, 1908-13; sec. to pres. Md. Agr. Coll., 1913-4; ed., 1914-5; agt. in chg. boys club work and news serv., 1915-7; in chg. illustrations sect. and asst. in publications, States Relations Serv., U. S. Dept. Agr., 1917-23; present position, 1923-. Pres. Amer. Assoc. Agrl. Coll. Editors, 1924-5. Private Inf., U. S. Army, 1918. —*b.* Marlboro, Mass., Dec. 13, 1887; *s.* Arthur A. and Charlotte W. (Brigham) B.; reared on farm; *m.* Marjorie Snowden, June 7, 1915; *c.* David Lewis, Francis Snowden, Marjorie. B.S., Univ. Md., 1908.

Brim, Orville Gilbert, prof. elementary educ., Ohio State Univ., Columbus, O.

Head dept. educ., Miss. Normal Coll., Hattiesburg, 1912-5; head dept. educ., Winthrop Normal & Ind. Coll., Rock Hill, S. C., 1915-7; prof. rural educ., Cornell Univ., 1920-3. Y. M. C. A. serv. in France and Italy, 1917-8. (Preparation of rural teachers). —*b.* Latchie, O., Aug. 18, 1883; *s.* Gilbert and Elizabeth (Hahn) B.; reared on farm; *m.* Helen Whittier, June 29, 1912; *c.* Betty, Lois, Mary Agnes, Orville G. Jr. B.S., Valparaiso Univ., 1908; M.A., Columbia Univ., 1911; Ph.D., 1920.

Brinckerhoff, Arthur F., lands. arch., 101 Park Ave., New York, N. Y.

Fruit farmer, Redding, Conn., 1912-. Vice-pres. N. Y. chapter Amer. Soc. Lands. Arch.; mem. exec. com. Arch. League; del. to Fine Arts Comn., N. Y. Awarded medal in design by Arch. League. Traveled in Europe. —*b.* Mt. Vernon, N. Y., Jan. 21, 1880; *s.* Wm. B. and Adeline (Wooley) B.; reared in town. B.S.A., Cornell Univ., 1902. Delta Tau Delta.

Brink, Royal Alexander, asst. prof. genetics, Univ. Wis., Madison, Wis.

Asst. chem., W. Canada Flour Mills, Winnipeg, Man., 1919-20; asst. prof. genetics, Univ. Wis., 1922-; acting chairman dept., 1923-4; National Res. Council fellow, 1925-6, Berlin and Cambridge. —*b.* Woodstock, Ont., Sept. 16, 1897; *s.* Royal Wilson and Elizabeth

Ann (Cuthbert) B.; reared on farm; *m.* Edith Margaret Whitelaw, Dec. 27, 1922. B.S.A., Univ. Toronto, 1919; M.S., Univ. Ill., 1921; M.S., Harvard Univ., 1922; D.Sc., 1923. Sigma Xi; Phi Eta.

Brinsmade, John C. Jr., asst. agron. Off. Cereal Invests., U. S. Dept. Agr., N. Great Plains Field Sta., Mandan, N. D.

b. Washington, Conn., Sept. 28, 1891; *s.* John C. and Mary G. (Gunn) B.; reared in country; *m.* Ellen C. Martin, Aug. 16, 1924. A. B., Harvard Univ., 1914.

Brinton, Robert F., farmer, W. Chester, Pa.

Treas. Inter-State Milk Producers Assoc.; treas. Chester Co. Agrl. Ext. Assoc.; mem. bd. dirs., Fruit Growers Coop. Assoc. of W. Chester. (Coop. marketing). —*b.* near W. Chester, Pa., Nov. 13, 1888; *s.* Samuel L. and Elizabeth (Smith) B.; reared on farm; *m.* Mary P. Hazard, Oct. 21, 1914; *c.* Anna G. Grad. W. Chester State Normal Sch., 1908.

Briscoe, Charles Francis, prof. bact., Miss. A.. & M. Coll., Agricultural College, Miss.

Teach. Hoopeston, Ill., 1899-1903; instr., Univ. Ill., 1904-12; present position, 1912-. (Soil bact., green-manure). —*b.* Depauw, Ind., Nov. 1, 1868; *s.* Anthony W. and Margaret J. (Sappenfield) B.; *m.* Mayme L. Louden, July, 1900; c. Marguerite L. A.B., Ind. Univ., 1899; A.M., Univ. Ill., 1909; Ph.D., 1912. Sigma Xi.

Briscoe, John Manvers, prof. for., Univ. Me., Orono, Me.

In. U. S. For. Serv., 1909-10; present position, 1910-. State agt., white pine blister rust work; dir. public instr. in for.; dir. State For. Nursery. Instr. engin., S. A. T. C. Traveled in Europe, 1905. —*b.* Pottsville, Pa., July 22, 1878; *s.* Sidney Bernard and Sarah (Loeser) B.; reared in town; *m.* Ethel L. Griscom, June 28, 1911; *c.* Sidney Griscom, Eleanor Louisa. M.F., Yale For. Sch., 1909.

Brison, Fred Robert, co. agrl. agt., San Saba, Tex.

Asst. prof. hort., Tex. A. & M. Coll., 1921-3; agrl. agt. San Saba Co., 1923-. (Hort., pecans). —*b.* Lafayette, Tex., Apr. 6, 1899; *s.* J. H. and Flora (Harrison) B.; reared on farm. B.S., Tex. A. & M. Coll., 1921.

Bristol, Lucius Moody, prof. econ. and sociol., Univ. Fla., Gainesville, Fla.

Instr., Tufts Coll., 1911; asst. prof., 1912-3; asst. prof., Brown Univ., 1913-5; asst. prof., W. Va., Univ., 1915-7; assoc. prof., 1917-9; state superv. rural survey, Interchurch World Movement, 1919-20; present position, 1920-. Pres. State Conference of Social Work, 1923-5; pres. State Conference of Charities and Correction. *Auth.*: Social Adaptation, 1915. (Rural problems). —*b.* Castle Creek, N. Y., May 21, 1872; *s.* Wm. Harrison and Harriet (Blair) B.; reared in city; *m.* Minnie E. Babcock, June 27, 1901; *c.* Loris Rood, Wilma Harriet. A.B., Univ. N. C., 1895; S.T.B., Boston Univ. Sch. Theol., 1899; M.A., Harvard Univ., 1910; Ph. D., 1913 (received Wells prize in econ., 1915). Phi Beta Kappa; Alpha Delta Phi; Phi Kappa Phi.

Brittain, William Harold, provincial ent. and prof. ent., N. S. Agr. Coll., Truro, N. S.

Asst. biol., Macdonald Coll., 1911-2; asst. bot., Seed Branch, Dept. Agr., Ottawa, 1912; provincial ent. and plant path., B.C., 1912-3; present position, 1913-. Sec.-treas. N. S. Ent. Soc. —*b.* Fredericton, N. B., Sept. 30, 1889; *s.* John and Charlotte (Bonney) B.; *m.* Mary M. Cruickshank, Mar. 27, 1918. B.S.A., McGill Univ.; Ph.D., Cornell Univ. Sigma Xi.

Britton, John Edgar, distr. superv. agrl. instr., Kelowna, B. C.

Asst. distr. rep., Ont., 1912-3; instr. hort., Ont. Agr. Coll., 1914-6. (Hort.). —*b.* Toronto, Ont., Nov. 18, 1885; *s.* Geo. C. and Mary (Tredgett) B.; reared in country; *m.* Edith Corrigan, 1916; *c.* Dorothy. B.S.A., Ont. Agr. Coll., 1914.

Britton, Wilton Everett, state ent., and ent. Conn. Exp. Sta., New Haven, Conn.

Hort., Conn. Exp. Sta., 1894-1901; ent. and state ent., 1901-; lect. in ent., Yale For. Sch., 1901-5. Fellow A. A. A. S., Ent. Soc. Amer. Pres. Amer. Assoc. Econ. Ent., 1909. *Assoc. ed.*, Journal of Economic Entomology, 1910-. —*b.* Marlboro, Mass., Sept. 18, 1868; *s.* Benj. Howard and Emma Eliza (Wright) B.; reared on farm; *m.* Bertha Madeline Perkins, Apr. 30, 1895. B.S., N. H. A. & M. Coll., 1893; Ph.D., Yale Univ., 1903. Sigma Xi.

Broadbent, Bessie May, jr. ent., U. S. Dept. Agr., Washington, D. C.

Sci. asst., Bur. Plant Ind., 1918-9; Bur. Ent., 1919-24; jr. ent. on greenhouse insects, 1924-. —*b.* Factoryville, Pa., Aug. 13, 1895; *d.* Geo. J. and Freda (Brower) B. B.S., Penn. State Coll., 1916. Phi Kappa Phi.

Broadhead, William James, sec.-manag. Colo. Coop. Lettuce Assoc. Inc., Buena Vista, Colo.

Farmer, 3 yrs.; creamery manufacturer, 1 yr.; veg.-grower, 3 yrs. Sec. organization com., Colo. State Veg. Growers Exchange. Capt. U. S. Army, 1917-9. (Coop. marketing.) —*b.* Fulton, Ill., Apr. 25, 1891; *s.* J. W. and Alice C. B.; reared in town and on farm; *m.* Grace Campau, Oct. 26, 1918; *c.* Patricia, Louis, Robt. Jean. B.S.A., Univ. Ill., 1913. Alpha Tau Omega; Alpha Gamma Rho.

Brock, Robert Stephen, teach. agr., high-sch., Laurel, Del.

Present position, 1920-. Served in U. S. Marines, 1918-9. —*b.* Sinclairville, N. Y., Apr. 30, 1897; *s.* Samuel M. and Emma (Taylor) B.; reared on farm and in town; *m.* Bernice Hastings, June 24, 1922. B.S.A., Syracuse Univ., 1920. Gamma Alpha Epsilon.

Brock, William Sanford, asst. prof. hort., Univ. Ill., Urbana, Ill.

Present position, 1915-. Sec. Ill. State Hort. Soc., 1922-3. (Pom.). —*b.* Blacksville, W. Va., May 17, 1888; *s.* Sanford C. and Jessie (Scott) B.; reared in town; *m.* Nell E. Lewis, May 15, 1912; *c.* Christine Jessie. A.B., Waynesburg Coll., 1910; B. S., Univ. Ill., 1915.

Brockway, Charles Jacob, co. agrl. agt., Monroeville, Ala.

Foreman steel yard, Tenn. Coal Iron and RR. Co., Fairfield, Ala., 1918-21; overseer of crops, 1st Nat. Bank of Prattville, 1922; agrl. agt. Monroe Co., 1923-. Manag. Monroe Co. Fair, 1923. —*b.* Livingston, Ala., Apr. 12, 1897; *s.* Chas. J. and Carrie (Little) B.; reared on farm. B.S., Ala. Poly. Inst., 1917. Kappa Alpha.

Brodie, David Arthur, chg. res. work for Nat. Bd. Farm Organizations, 666 Maryland Ave., N. E., Washington, D. C.

Asst. agrst., Wash. State Exp. Sta., 1898-9; supt. Puyallup Exp. Sta., 1899-1903; supt. outdoor exhibit, St. Louis Expos., Bur. Plant Ind., 1903-4; agrst., Off. Farm Manag., U. S. Dept. Agr., 1904-19; independent study throughout U. S. of use of commercial fertilizers, 1920; teach. agr., U. S. Veterans Bur., 1922-3; present position, 1924-. —*b.* Ont., July 28, 1868 (naturalized 1900); *s.* Joseph and Jane Esson (Nelson) B.; reared on farm; *m.* Elizabeth Masterson Potts, Aug, 8, 1906. B.S.A., Wash. State Coll., 1898.

Brodie, William Peter, farmer, Bergen, N. Y.

Instr. agr., high-schs., Minn., 1911-4; instr. agr., Cortland Normal Sch., N. Y., 1915-7; instr. farm manag. and agron., N. Y. State Sch. Agr., Canton, 1917-8; asst. co. agt., Orleans Co., N. Y., 1918; co. agt., Salem Co., N. J., 1918-9; agrl. agt. Erie R. R. Co., Cleveland, O., 1919-22. Private U. S. Army, May-July 1917. —*b.* Medina, Mich., Jan. 9, 1886; *s.* Jas. C. and Ida (Seward) B.; reared on farm; *m.* Ruth Esther Johnson, July 10, 1918; *c.* Martha A., Wm. T. B.S., Purdue Univ., 1911; B.S., Cornell Univ., 1915. Alpha Gamma Rho.

Brodrick, Frederick William, prof. hort. and for., Univ. Man.,Winnipeg, Man.

With Dominion Dept. Agr., 1904-6; lect. and prof., Man. Agr. Coll., 1906-. Pres. Man. Hort. and For. Assoc. —*b.* St. Catherines, Ont., Feb. 22, 1879; *s.* John Harvey and Augusta Jane (Pawling) B.; reared on farm; *m.* May Stewart Wilson, Dec. 27, 1913; *c.* Kath-

arine Margaret Helen, Beatrice Charlotte, Helen Winnifred. B.S.A., Toronto Univ., 1903.

Brody, Clark Louis, sec. and general manag., Mich. State Farm Bur., Lansing, Mich.

Farm operator, 1905-; agt. St. Clair Co., Mich., 1915-21. Pres. St. Joseph Co. Farm Bur., 1914-5. —*b.* Three Rivers, Mich., Feb. 1, 1879; *s.* Jas. P. and Emma L. (Seeley) B.; reared on farm; *m.* Margaret E. York, Nov. 14, 1906; *c.* Viola, Marjorie, Beatrice, Carol, Clark Jr., Jas. Kenneth. B.S., Mich. Agr. Coll., 1904. Alpha Zeta.

Broerman, Alvin, bact. and path. in chg. laboratories, Ohio Dept. Agr., Reynoldsburg, O.

Instr. anat., Univ. Philippines, 1910-1; asst. prof. vet. med., 1911-3. Traveled in Japan, China, Europe. (Bact. and path. of infectious diseases of livestock). —*b.* New Bremen, O., July 29, 1887; *s.* August F. and Amelia (Greiwe) B.; reared in town; *m.* Luella C. Fledderjohann, Oct. 27, 1915; *c.* Dorothy C., Richard A. D.V.M., Ohio State Univ., 1909; grad. student, Cornell Univ., 1913-4. Alpha Psi.

Brooks, Charles, sr. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot. and bot. Exp. Sta., N. H. Coll., 1905-6; prof., 1906-12; present position, 1912-. (Fruit diseases). —*b.* Salem, Ind., Apr. 4, 1872; *s.* Jas. Simpson and Mary H. (Trueblood) B.; reared on farm; *m.* Adelaide Masters, Nov. 12, 1919; *c.* Carolyn Elizabeth, Ruth Masters. A.B., Ind. Univ., 1904; A.M., Univ. Mo., 1905; Ph.D., 1918.

Brooks, Charles Franklin, assoc. prof. of meteorology and climatology, Clark Univ., Worcester, Mass.

Asst. farm manag., U. S. Dept. Agr., 1914-8; instr. geography, Yale Univ., 1915-8; meteorologist, U. S. Weather Bur., 1918-21; ed. Mo. Weather Review, 1919-21; present position, 1921-. Sec. Amer. Meteorological Soc. Fellow A. A. A. S., Amer. Meteorological Soc. Instr. Signal Corps, U. S. Army, May-Nov., 1918. *Auth.*: Why The Weather? —*b.* St. Paul, Minn., May 2, 1891; *s.* Morgan and Frona Marie (Brooks) B.; reared in city; *m.* Eleanor Merritt Stabler, June 4, 1914; *c.* Edward Morgan, Margaret, Sylvia, Barbara, Edith Herrick. A.B., Harvard Univ., 1911; A.M., 1912; Ph.D., 1914. Phi Beta Kappa.

Brooks, Cleat, swine specialist, Bethany, Mo.

b. Eagleville, Mo., June 26, 1897; *s.* Jas. Wm. and Nancy Ann (Leeper) B.; reared on farm; *m.* Esther Eloise Bridges, Oct. 9, 1918. Student short-course, Univ. Mo., 1916.

Brooks, Delos Harold Turner, head dept. an. husb., N. Y. State Sch. Agr., Morrisville, N. Y.

Manag. Hillbrook Farms, Owasco, N. Y., 1915-6; manag. Country Life Stock Farm, W. Winfield, 1917-9; instr. an. husb., Syracuse Univ., 1919-20; asst. prof. dairying, 1920; teach. voc. agr., high-sch., Avon, 1920-3; present position, 1923-. —*b.* Galway, N. Y., May 5, 1890; *s.* Delos F. and Jane C. (Jure) B.; reared in town; *m.* Mary E. Howells, Sept. 4, 1920. B.S.A., Syracuse Univ., 1915. Gamma Alpha Epsilon.

Brooks, Fred Ernest, assoc. ent., fruit insect invests., Bur. Ent., U. S. Dept. Agr., French Creek, W. Va.

Agt. W. Va. Exp. Sta., 1903-6; assoc. ent., 1907-11; present position, 1911-. Fellow A. A. A. S. Sec. W. Va. State Hort. Soc., 1905-6. (Insects affecting nuts). —*b.* French Creek, W. Va., June 8, 1868; *s.* Adolphus and Josephine (Phillips) B.; reared on farm; *m.* Grace Coburn, Sept. 3, 1896; *c.* Maurice Graham, Mary Elizabeth, Dorothy Josephine.

Brooks, Robert Preston, dean Sch. of Commerce, Univ. Ga., Athens, Ga.

Mem. Univ. Comn. on Race Relations. Investigated plantation conditions for Census Bur., 1911. *Auth.*: Bibliography of Georgia History, 1910; History of Georgia, 1913; Agrarian Revolution in Georgia, 1914; Bibliography and Syllabus for the History of the South, 1918. *Assoc. ed.*, Southern Banker, Atlanta, Ga. Historical Quarterly; ed. Fourth

National Bank Review, Macon, 1919-20. —*b.* Milledgeville, Ga., July 23, 1881; *s.* Jas. H. and Anna (Moore) B.; reared in town; *m.* Josephine Edmondson Reid; *c.* Josephine Reid, Eugenia Preston, Anne Moore. A.B., Univ. Ga., 1904; B.A., Oxford Univ., England, 1907; Ph.D., Univ. Wis., 1912. Phi Beta Kappa; Beta Gamma Sigma; Alpha Tau Omega.

Brooks, William Penn, agrst., Amherst, Mass.

Prof. agr., Imperial Coll. Agr., Japan, 1877-88; prof. bot., 1880-8; acting pres., 1880-3, 1886-7; prof. agr., Mass. Agr. Coll. and agrst. Exp. Sta., 1889-1918; acting pres., Jan.-Apr., 1903, Jan. 1905-July 1906; dir. Mass. Exp. Sta., 1906-18; consulting agrst., 1918-21. Fellow A. A. A. S. Decorated 4th Order of Rising Sun, Japan, 1888. 2d vice-pres. Amer. Assoc. Agrl. Colls. and Exp. Stas.; pres. Hampden-Hampshire Agrl. Soc. Farm operator, 1908-12. Traveled in Japan and Europe. *Auth.*: Agriculture, 3 vols., 1901; rev., 1903, 1905, 1911. —b. Scituate, Mass., Nov. 19, 1851; *s.* Nathaniel and Rebecca P. (Cushing) B.; reared on farm; *m.* Eva Bancroft Hall, Mar. 28, 1882; *c.* Rachel Bancroft, Sumner Cushing. B.S., Mass. Agr. Coll., 1875; Ph.D., Friedrichsuniversitat, Halle, Germany, 1897; hon. degree: *'Nogaku Hakushi'* (Learned in Agrl. Sci.), conferred by Dept. Educ., Japan, 1919. Phi Sigma Kappa.

Broom, Thomas Jefferson Winfield, co. agrl. agt., Monroe, N. C.

Pres. Co. Cotton Assoc., Farmers Union. —*b.* Union Co., N. C., Mar. 18, 1866; *s.* Jas. M. and Martha E. (Richardson) B.; reared on farm; *m.* Joanna Helms, Nov. 23, 1892; *c* Ernest Harry, Mildred Elaine.

Brossard, Edgar Bernard, prof. agrl. econ. and farm manag., Utah Agr. Coll., Logan, Utah.

Instr. math. Utah Agr. Coll., 1909-10; state farm manag. dem., 1914-6; instr. farm manag., Univ. Minn., 1918-9; present position, 1919-; econ., U. S. Tariff Comn., 1923-. Missionary in Europe for church of Jesus Christ of Latter Day Saints, 1911-4. (Farm econ.). —*b.* Oxford, Ida., Apr. 1, 1889; *s.* Alphonse Aimable and Mary Catherine (Hobson) B.; reared on farm; *m.* Laura Parkinson Cowley, Aug. 25, 1915. B.S., Utah Agr. Coll., 1911; M.S., Univ. Minn., 1917; student Cornell Univ., 1917-8; Ph.D., 1919. Phi. Kappa Phi; Alpha Zeta; Pi Zeta Pi.

Brossard, Rolland Elmer, co. agrl. agt., Twin Falls, Ida.

Del. to Intern. Dry Farming Congress, 1913. —*b.* Oxford, Ida., Aug. 22, 1891; *s.* Alphonse and Mary (Hobson) B.; reared on ranch; *m.* Lelia Taylor, Nov. 26, 1914; *c.* Robt. Elmer. B.S., Utah Agr. Coll., 1913. Delta Theta Sigma.

Brotherton, Wilber Jr., seedsman, Wausau Canning Co., Wausau, Wis.

Formerly asst. physiol., Bur. Plant Ind., U. S. Dept. Agr. —*b.* Detroit, Mich., Mar. 1, 1894; *s.* Wilber and Florence Belle (Swickard) B.; reared in city; *m.* Dorothy Bastin, Aug. 16, 1916; *c.* Wilber Edson, Harley Bartlett, Rowena Bastin. A.B., Univ. Mich., 1916; M.S., 1917; Ph.D., 1922. Sigma Xi; Phi Sigma; Zeta Psi; Gamma Alpha.

Brown, Addison Makepeace, agrst., Schoolcraft, Mich.

Sec. Mich. Agr. Coll. and State Bd. Agr., E. Lansing, 1902-22. Mem. State Senate, 1898-1900. Del. to First Nat. Conference on Marketing and Farm Credits. —*b.* Schoolcraft, Mich., Feb. 15, 1859; *s.* E. Lakin and Mary Ann (Miles) B.; reared on farm; *m.* Mollie Eliza Earl, Sept. 29, 1885; *c.* Hearty Earl, Edward Lakin, Dorothy Miles, Malcolm Makepeace, Pamela. B.A., Univ. Mich., 1883. Psi Upsilon.

Brown, Bailey Edgar, biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Meat insp., Birmingham, Ala., 1900; chem. Dimmick Cast Iron Pipe and Foundry Co., Birmingham, 1901; present position, 1901-; detailed by Dept., as asst. prof. expl. agron., Penn. State Coll., 1907-11. (Soil, fert. and plant chem.). —*b.* Cookeville, Tenn., Nov. 10, 1878; *s.* J. H. and Elizabeth (Rea-

gan) B.; reared in country and city; *m.* Mary E. Wallace, Dec. 23, 1906; *c.* Elizabeth Wallace. B.S., Ala. Poly. Inst., 1899; M.S., 1900. Kappa Alpha.

Brown, Benjamin Franklin, dean Sch. Sci. and Business, N. C. State Coll., Raleigh, N. C.

Princ. high-sch., Lansing, Mich., 1916-8; rural econ., Tex. A. & M. Coll., 1918-20; chief N. C. Div. Markets, 1920-3; present position, 1923-. Supt. N. C. State Warehouse, 1920-3; manag. warehouse dept., N. C. Cotton Growers Coop. Assoc., 1922-3; chm. com. on tenancy, State Bd. Agr., 1922; vice-pres. N. C. Agrl. Credit Corp. *Auth.*: (with C. C. Taylor) Citizenship, 1925. (Rural organization). —*b.* Crescent City, Ill., May 11, 1881; *s.* Garrison and Elizabeth (Hagerman) B.; reared in town; *m.* Laura Genevra Hills, 1906; *c.* Kenneth Hills, Mary Genevra, Elizabeth. B.S., Northwestern Univ., 1905; grad. student, Univ. Mich., summer 1911, Univ. Wis., 1918-20. Delta Upsilon; Phi Beta Kappa; Phi Kappa Phi.

Brown, Charles Emmett, co. agrl. agt., Carrollton, Mo.

1st. Lieut. U. S. Army, World War. (An. husb.). —*b.* Rush Hill, Mo., Dec. 21, 1895; *s.* W. J. and Ella (Frink) B.; reared on farm; *m.* Henrietta Stewart, July 25, 1922. B.S.A., Univ. Mo., 1921.

Brown, David Rowe, fruit-grower, Afton, Va.

Princ. rural high-schs., Va., 5 yrs.; peach-grower, 5 yrs.; apple-grower, 2 yrs.; with DuPont Powder Co. manufacturing gun cotton, 2 yrs. —*b.* Temple, Tex., Apr. 24, 1892; *s.* David Henry and Mattie (Rowe) B.; reared in village; *m.* Mary Hall McCue, June 18, 1919. Student Randolph-Macon Coll., 2 yrs., Univ. Va., 1 yr. Pi Kappa Alpha.

Brown, Earl Ayres, Thompson's Dairy, Washington, D. C.

Asst. princ., agrl. high-sch., Sparks, Md., 1913-5; asst. agrst. in farm manag. dem., U. S. Dept. Agr., 1915-7; agt. Hartford Co., Conn., 1917-9; farmer, Sparks, Md., 1919-24. —*b.* Montour Falls, N. Y., May 8, 1891; *s.* Oscar M. and Almeda M. (Ayres) B.; reared on farm and in city; *m.* Clarice Ballou, May 20, 1916; *c.* Janet Helen, Robt. Ballou. B.S., Cornell Univ., 1913. Alpha Zeta.

Brown, Edgar, bot. in chg. Seed Testing Labs., U. S. Dept. Agr., Washington, D. C.

Pres. and sec. Assoc. Official Seed Analysts of N. Amer.; hon. foreign fellow Nat. Inst. Agrl. Bot.; mem. Wash. Acad. Sci. —*b.* Farmington, N. Y., Sept. 25, 1871; *s.* Amos C. and Emma L. (Smith) B.; reared on farm; *m.* Harriet Tefft, Aug. 14, 1902. Ph.B., Union Coll., 1895. Sigma Xi; Phi Gamma Delta.

Brown, Evlan Ellsworth, co. agrl. agt., Wyoming, Ill.

With Alta. Dept. Agr., 1917-8. 2d Lieut. Field Art., U. S. Army, World War. —*b.* Newport, Ind., Dec. 17, 1890; *s.* John S. and Laura Ann (Dehaven) B.; reared on farm; *m.* Hannah G. Madison, June 29, 1923; *c.* Mary Ann. B.S., Purdue Univ., 1914; M.S., Ia. State Coll., 1917. Alpha Gamma Rho; Alpha Zeta.

Brown, Frank Howard, fruit-grower, Marlboro, Mass.

Asst. agr., Mass. Exp. Sta., 1900; fruit-grower, 1901-; co. agrl. agt., 1916-7. Sec. New England Fruit Show; sec.-treas. Mass. Fruit Growers Assoc.; treas. Highland Coop. Fruit Exchange. Served in Spanish-Amer. War; garden officer, Amer. Red Cross, A. E. F., France. —*b.* Newton Center, Mass., Nov. 13, 1876; *s.* Frank N. and Abbie L. (Ladd) B.; reared in town; *m.* Rhoda H. Speare, Oct. 8, 1902. B.S., Mass. Agr. Coll., 1900. Kappa Sigma.

Brown, Frank J., asst. co. agt. leader, Univ. Minn., University Farm, St. Paul, Minn.

Farmer, grain and live-stock, 1909-13; farm manag. dem., Univ. Minn., 1916-7; agrl. agt. Murray Co., 1917-21; present position, 1921-. —*b.* Yellow Medicine Co., Minn., Aug. 12, 1886; *s.* C. A. and Eunice (Robson) B.; reared on farm and in village; *m.* Ada G. Hanson, June 9, 1909; *c.* Robt., Bernice, Wesley. B.A., Hamline Univ., 1908; B.S.A., Univ. Minn., 1915.

Brown, George A., prof. an. husb., Mich. State Coll., E. Lansing, Mich.

Sec. Mich. Improved Livestock Feeders and Breeders Assoc., 1914-. —*b.* Omer, Mich., 1886; *s.* G. W. and Anna (Henderson) B.; reared on farm; *m.* Ella Martha Lentz, 1911; *c.* Francis Anna, Gladys Ella, Helen Louise, Dorothy Jean. B.S., Mich. Agr. Coll., 1907.

Brown, Gordon Gordon, hort., Hood River Exp. Sta., Hood River, Ore.

Provincial fruit insp., B. C., 1913-6; present position, 1916-. —*b.* Fairview, Ore., May 28, 1887; *s.* Oscar and Harriett (Dixon) B.; reared on farm; *m.* Margaret E. Littlehales, Jan. 1, 1914; *c.* Virginia Helen, Philip Gordon. A.B., Pacific Univ., 1910; B.S., Ore. Agr. Coll., 1912.

Brown, Harry Bates, plant-breeder, Stoneville Pedigreed Seed Co., Stoneville, Miss.

Instr. bot., Ind. Univ., 1907; instr. bot., Cornell Univ., 1908-11; prof. bot., Miss. A. & M. Coll., 1911-5; plant-breeder, Miss. Exp. Sta., 1915-22; vice-dir., 1918-22; present position, 1922-. (Cotton, corn breeding, genetics). —*b.* Carroll Co., Ind., June 9, 1876; *s.* John H. and Sue (Bates) B.; reared on farm; *m.* Ina Barker, Sept., 1911; *c.* Harry B. Jr., Sue Eleanor, Mary Etta. A.B., Ind. Univ., 1906; A.M., 1907; Ph.D., Cornell Univ., 1910. Sigma Xi.

Brown, Harry Rufus, promoter dairy ind., N. S. Dominion Dept. Agr., Truro, N. S.

b. Wallace Bay, N. S., Jan. 12, 1889; *s.* Peter G. and Annie Stewart (MacKenzie) B.; reared on farm.

Brown, Herman Lee, co. agrl. agt., Carthage, Tex.

Gardener and stockman, 6 yrs. 1st Sergeant, U. S. Army, 1918-9. —*b.* Carthage, Tex., Sept. 15, 1891; *s.* Stephen and Catherine B. (col.).; reared on farm; *m.* Dora Hazel Fulgham, Dec. 24, 1924. Grad. Prairie View State Normal, 1912.

Brown, Howard Dexter, assoc. prof. veg.-gard., Purdue Univ., LaFayette, Ind.

Instr. and res. asst., Univ. Ill., 1914-8; present position, 1919-; operated truck-garden, 1910-2, 1914-5. 2d Lieut. U. S. Army, A. E. F. —*b.* Selma, Ill., Dec. 7, 1891; *s.* John and Iva Eldora (Batrumn) B.; reared on farm; *m.* Elsie Beaulah Brown, Sept. 10, 1915. B.S., Univ. Ill., 1914; M.S., 1917.

Brown, James Greenlief, prof. plant path. and head dept. agr., Univ. Ariz., Tucson, Ariz.

Teach. biol., Cebu Prov. High-Sch., P. I., 1904-7; instr., Univ. Ariz., 1909-16; asst. prof. biol., 1916-20; prof. plant path. and path. Exp. Sta., 1920-; head dept. agr., 1922-. (Effect of alkali on resistance of cotton to disease). —*b.* St. Clair, Mich., Nov. 21, 1880; *s.* Geo. S. and Ida (Graham) B.; reared on farm; *m.* Clara McNeil, 1912. B.S., Univ. Chicago, 1916; M.S., 1917. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi.

Brown, J. Colvin, teach. voc. agr., high-sch., Alachua, Fla.

Served in A. E. F., 1917-8. (An. husb.). —*b.* McIntyre, Fla., Oct. 19, 1895; *s.* Thos. Jefferson and Clementine Janette (Isler) B.; reared on farm and in village; *m.* Ruby Lucille Ricks, Mar. 27, 1921; *c.* Ruby Frances. B.S. A.E., Univ Fla., 1923. Kappa Delta Pi; Delta Tau Delta.

Brown, J. J., comnr. of agr., State Dept. Agr., State Capitol, Atlanta, Ga.

Farmer. Chm. State Bd. Ent.; chm. State Exp. Sta. Bd. —*b.* Elbert Co., Ga., Dec. 17, 1865; *s.* Ira M. and Susa M. (Campbell) B.; reared on farm; *m.* Captoria Ginn, Nov. 26, 1886; *c.* J. Polk, Sylvester, Walter J., Mrs. E. C. Teasley.

Brown, Lyle, ext. fruit specialist, Miss. A. & M. Coll., Agricultural College, Miss.

Asst. hort. ext. and Exp. Sta., Ala. Poly. Inst., 1920-2; present position, 1922-. Served in U. S. Navy, 1918-9. —*b.* Yantley, Ala., Apr. 30, 1898; *s.* Robt. Clarke and Mary (Phillips) B.; reared on farm. B.S.A., Ala. Poly. Inst., 1920.

Brown, Mary-Ellen, state ext. agt. in women's work, Univ. Neb., Lincoln, Neb.

Instr. home econ., Univ. Neb., 1911-7; asst. state leader boys and girls club work, 1917-23; present position, 1923-. —*b.* Fremont, Neb., Dec. 9, 1875; *d.* H. C. and Almira (Goff) B.; reared on farm. B.S., Univ. Neb., 1911. Omicron Nu.

Brown, Parke Theodore, ext. beef cattle specialist, Penn. State Coll., State College, Pa.

Agrl. agt. Benton Co., Ind., 1921-3; present position, 1923-. 1st Lieut. Field Art., O. R. C. —*b.* Tangier, Ind., Feb. 19, 1892; *s.* David M. and Hannah (Hadley) B.; reared on farm; *m.* Mary Eleanor Sollars, May 28, 1921; *c.* Patricia Ann. B.S.A., Purdue Univ., 1921. Theta Chi; Alpha Zeta.

Brown, Percy Edgar, prof. soil bact., chief soil chem. and bact. and assoc. in chg. soil survey, Exp. Sta., Ia. State Coll., Ames, Ia.

Asst. soil chem., Rutgers Coll., 1906-10; present position, 1910-. Sec.-treas. Amer. Soc. Agron.; sec. Sect. O., A. A. A. S. *Auth.*: (with J. G. Lipman) Laboratory Manual in Soil Bacteriology, 1911. —*b.* Woodbridge, N. J., Oct. 9, 1885; *s.* Jonathan Edgar and Jeannette E. (Walker) B.; reared on farm. B.S., Rutgers Coll., 1906; A.M., 1909; Ph.D., 1912. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Phi Lambda Upsilon; Alpha Zeta; Delta Upsilon; Gamma Sigma Delta.

Brown, Robert William, sec. Amer. Galloway Breeders Assoc., Carrollton, Mo.

Vice-pres. Mo. Farm Bur. Fed. 1st Lieut., Spanish-American War. Sec. Carroll Co. Council Defense, 1917-8. (An. husb.). —*b.* Myrtleford, Australia, Oct. 17, 1875 (naturalized as minor); *s.* Wm. Mathieson and Flora (Aiton) B.; reared on farm; *m.* Mary Hudson Goodson, Oct. 19, 1910. Student Univ. Mo., 1894-6. Phi Delta Theta.

Brown, Taylor Grover, dir. voc. agr., high-sch., Oshkosh, Wis.

Teach. rural schs., Wis., 2 yrs.; dir. agr., Viroqua, 3 yrs.; princ. agrl. high-sch., Cashton, 1 yr.; agrl. agt. Vernon Co., 1 yr.; present position, 1918-. Farmer, 1915-. Sec. Winnebago Co. Fair, 1919-; sec. Winnebago Co. Live Stock Sales Co.; pres. Wis. Assoc. Voc. Agr. Instr. (An. husb., marketing). —*b.* Richland Co., Wis., Feb. 28, 1890; *s.* Jas. Russell and Violetta (Groves) B.; reared on farm; *m.* Bergina Harriet Hauge, June 14, 1915; *c.* Dorothy, Genevive, Taylor Clifton. Student Plattville State Normal, Univ. Wis.

Brown, Theodore Stanley, co. agrl. agt., Lander, Wyo.

Served in U. S. Army, World War. —*b.* Palouse, Wash., Jan. 13, 1892; *s.* W. J. and Maggie B.; reared on farm; *m.* Florence Daniels, Dec. 28, 1918; *c.* Robt Daniel. B.A., Univ. Ida., 1916. Phi Delta Theta.

Brown, Walter James, exec. sec. and dir. ext. serv., Univ. W. Ont., London, Ont.

Educ. dir., Y. M. C. A., Chicago and St. Louis, 1898-1900; founder and princ. Canadian Correspondence Coll., 1901-4; agrl. ed. Toronto Globe, 1904-12; present position, 1920-. Trustee Citizens Res. Inst. of Canada; ex-pres. United Bds. of Trade of W. Ont.; pres. Workers Educ. Assoc. Fellow Royal Colonial Inst., London, England. From Lieut. to Lieut.-Col., Canadian Militia, 1900-13; Lieut.-Col., Canadian Field Art., 1914-20. —*b.* Aylmer, Ont., July 15, 1873; *s.* Nicholas Carter and Margaret (Williams) B.; reared on farm; *m.* Nellie Dorothea Deike, 1898. B.S.A., Ont. Agr. Coll. and Univ. Toronto, 1894; LL.M., Chicago Law Sch., 1898.

Brown, Walter Sheldon, prof. and chief div. hort., Ore. Agr. Coll., Corvallis, Ore.

Teach., Univ. Wis., 1904-6; head dept. hort., Winona Agrl. Inst., Winona Lake, Ind., 1906-8; pres. and general manag., Corvallis Orchard Co., 1908-13; ext. specialist hort., Ore. Agr. Coll., 1913-9; prof. pom., Ore. Agr. Coll., Mar.-Dec., 1919; present position, 1920-. —*b.* Portville, N. Y., Jan. 24, 1878; *s.*

S. Sheldon and Martha P. (Hornblower) B.; reared on farm; *m.* Clara Louise Raddas, Dec. 31, 1912; *c.* Grace Marjorie, Lois Elizabeth. A.B., Alfred Univ., 1899; B.S.A., Cornell Univ., 1904; M.S., Univ. Wis., 1906.

Browne, Charles Albert, chief Bur. Chem., U. S. Dept. Agr., Washington, D. C.

Instr. chem., Penn. State Coll., 1895; instr. agrl. chem. and chem. Exp. Sta., 1896-1902; res. agrl. chem., La. Sugar Exp. Sta., 1902-6; chief, Sugar Lab., Bur. Chem., U. S. Dept. Agr., 1906-7; organizer and dir. N. Y. Sugar Trade Lab., New York City, 1907-23; special lect. chem., Columbia Univ., 1911-3; present position, 1923-. Pres. Assoc. Official Agrl. Chem., 1925; U. S. del. to 6th meeting of Intern. Congress of Applied Chem., Rome, Italy, 1906; awarded gold and silver medals for agrl. chem. exhibits, World's Expos., St. Louis, 1903; mem. Intern. Comn. for uniform Methods of Sugar Analysis. Assoc. ed. Journal Amer. Chem. Soc., 1911-22; Journal Engin. and Ind. Chem., 1911-6; Chemical Abstracts, 1907-11. *Auth.*: Handbook of Sugar Analysis, 1912; Sugar Tables for Laboratory Use, 1912. —*b.* N. Adams, Mass., Aug. 12, 1870; *s.* Chas. Albert and Susan (MacCallum) B.; reared on farm; *m.* Louise McDanell, Feb. 9, 1918; *c.* Caroline Louise. B.A., Williams Coll., 1892; M. A., 1896; Sc.D., 1924; M.A., Ph.D., Goettingen Univ., Germany, 1901. Phi Beta Kappa; Phi Lambda Upsilon.

Browne, Thomas Everett, state dir. voc. educ., N. C. State Coll., W. Raleigh, N. C.

Prof. Latin and English, Atlantic Collegiate Inst., Elizabeth City, 1902-4; co. supt. public instruction, Hertford Co., 1905-11; co. farm dem. agt., 1908-11; distr. agt. farmers coop. dem. work, 1911-3; prof. ext. and state agt. boys' club work, N. C. A. & M. Coll., 1913-7; prof. voc. educ., acting state dir. voc. educ., state agt. boys' club work, 1917-9; state dir. voc. educ., 1919-; dir. N. C. State Coll. Summer-Sch., 1924-5. General farming, 1904-11. —*b.* Murfeesboro, N. C., Mar. 17, 1881; *s.* W. T. and Ida May (Maget) B.; reared on farm; *m.* Martha Broadus Farrar, Jan. 10, 1906 (d. 1917); 2d, Maud Barnard, May 26, 1919; *c.* Thos. E. Jr., Micou Farrar, Edmund Broadus, Joseph Majette. B.A., Wake Forest Coll.

Brownell, Stanley J., asst. prof. dairy ext., Penn. State Coll., State College, Pa.

Res. asst. dairying, Mich. Agr. Coll., 1916-21; ext. specialist dairying, 1921-3; present position, 1923-. 1st. Lieut. U. S. Army, 1917-8. —*b.* St. Charles, Mich., Nov. 13, 1893; *s.* Joseph Emmett and Helen (Hitchings) B.; *m.* Anna Lora Fager, Dec. 31, 1917. B.S., Mich. Agr. Coll., 1916; M. Agr., 1921.

Brownfield, William Watson, distr. superv. agrl. ext. for S. E. Ohio, Ohio State Univ., Columbus, O.

Farmer, Uniontown, Pa., 1912-5; co. agt. Barbour Co., W. Va., 1915-6; Washington Co., O., 1916-8; present position, 1918-. —*b.* Uniontown, Pa., June 11, 1888; *s.* Isaac H. and Mary A. (McLean) B.; reared on farm; *m.* Faye W. Shipman, Aug. 26, 1912; *c.* Lyman H., Chas. Wm., Barbara Winnifred, Robt. Wendell, Betty, Edwin, David. B.S. Agr., Ohio State Univ., 1912. Delta Theta Sigma.

Broyles, William Anderson, prof. agrl. educ., Penn. State Coll., State College, Pa.

Princ. high-sch., Gaston, Ind., 1903-7; head dept. biol., high-sch., Elwood, 1908-10; head dept. agr. and biol., State Normal Ind. Sch., Ellendale, N. D., 1910-3; princ. Walsh Co. Agr. and Training Sch., Park River, N. D., 1913-6; prof. agrl. educ., Tex. A. & M. Coll., 1916-20; present position, 1920-. —*b.* Delaware Co., Ind., Oct. 2, 1879; *s.* Joseph A. and Eliza C. (Reeder) B.; reared on farm; *m.* Bertha Burns Lee, Sept., 1908. B.S., Tri State Coll., 1905; A.B., Ind. Univ., 1908; M.A., Univ. Wis., 1914; Ph.D., Univ. Ill., 1925. Phi Delta Kappa; Alpha Tau Alpha.

Bruce, Donald. silviculturist, For. Serv., U. S. Dept. Agr., Washington, D. C.

For. asst., U. S. For. Serv., 1910-2; for. examiner, 1912-4; for. superv.,

Flathead Nat. For., 1914-5; asst. prof. for., Univ. Calif., 1915-9; assoc. prof., 1919-24; present position, 1924-. Capt. Engin., O. R. C., U. S. Army in France, 1917-9. —*b.* Newtonville, Mass., July 23, 1884; *s.* Irving and Mary (Skinner) B.; reared in town; *m.* Beatrice de Bussey, Oct. 4, 1913; *c.* Mary Elinor, David Maxson, Roger Irving, Margaret Luies. A.B., Yale Coll., 1906; M.F., Yale For. Sch., 1910. Psi Upsilon.

Bruce, Oscar Clayton, prof. soils, Univ. Md., College Park, Md.

Farmer, 1913-4. In U. S. Army, 1917-9. —*b.* Chillicothe, Mo., Jan. 24, 1891; *s.* Vincent C. and Margaret (Hayes) B.; reared on farm. B.S., Univ. Mo., 1913; M.S., Kans. State Agr. Coll., 1923. Gamma Sigma Delta; Phi Kappa Phi.

Bruce, Walter Griffith, teach. voc. agr., high-sch., New Milford, Conn.

Asst. an. husb., Mass. Agr. Coll., 1915-8; asst. instr. farm manag., 1919; manag. Elwood Farm, Uxbridge, Mass., 1919-20; present position, 1920-. Served in Signal Corps, U. S. Army, World War. —*b.* Stafford Springs, Conn., Oct. 4, 1894; *s.* Wm. A. and Hattie (Griffith) B.; reared on farm; *m.* Mildred Schofield, Oct. 14, 1920; *c.* Wm. Schofield, Gaylord Edwin. B.Sc., Mass. Agr. Coll., 1918. Kappa Epsilon.

Bruer, Calistus A., farmer and stockman, R. F. D. 5, Pontiac, Ill.

Ill. State Representative, 2 terms; dir., sec., treas. Livingston Co. Farm Bur., 9 yrs. —*b.* Owego Township, Ill., Sept. 8, 1885; *s.* Asahel B. and Cynthia (Wagner) B.; reared on farm; *m.* Anna Brinkman, Jan 8, 1918; *c.* Harlan E. B.A., Lake Forest Univ., 1910.

Brues, Charles T., asst. prof. econ. ent., Bussey Inst., Harvard Univ., Forest Hills, Mass.; summer home, Petersham, Mass.

Curator Milwaukee Public Museum, 1904-9; instr. econ. ent., Harvard Univ., 1909-12; asst. prof., 1912-. Fellow Amer. Acad. Arts & Sci.; Ent. Soc. Amer.; A. A. A. S. Ent. with expedition from Harvard Sch. Trop. Med. to Ecuador and Peru, 1913. *Auth.*: (with Melander) Key to Families of North American Insects, 1915; (with Morrison) How to Make the Garden Pay, 1916. *Ed.,* Psyche, A Journal of Entomology, 1909-. —*b.* Wheeling, W. Va., June 20, 1879; *s.* Chas T. and Ada (Mossie) B.; reared in city; *m.* Beirne Barrett, 1904; *c.* Austin M., Alice M. B.S., Univ. Tex., 1901; M.S., 1902.

Brundage, Augustus Jackson, state club leader, Conn. Agr. Coll., Storrs, Conn.

Asst. coll. dept., Conn. Agr. Coll., 1910-1; farm manag., 1911-2; agrl. superv. public schs., 1913-4; present position, 1914-. (Boys and girls clubs). —*b.* Danbury, Conn., Aug. 19, 1890; *s.* A. Benj. and Fanny Louise (Pierce) B.; reared on farm; *m.* Ruth Miller, June 24, 1915; *c.* Roger Pierce, Kenneth Pierpont, Granville Pierce, Margaret Miller. Grad. Conn. Agr. Coll., 1910.

Bruner, Lawrence, prof. ent., Univ. Neb., Lincoln, Neb.

Asst., U. S. Ent. Comn., 1880; field agt., U. S. Dept. Agr., Univ. Neb., 1888; ent., Neb. Exp. Sta., 1888-90; instr. ent., Univ. Neb., 1890-5; prof., 1895-; state ent. Traveled in S. Amer., Mex., Costa Rica, Japan, China, Philippines. Rep. Neb. at Panama-Pacific Expos., 1915. (Orthopteroid insects, locusts in particular). —*b.* Catasaqua, Pa., Mar. 2, 1856; *s.* Uriah and Amelia (Probst) B.; reared on farm; *m.* Marcia Dewell, Dec. 25, 1881; *c.* Psyche E., Helen M. B.S., Univ. Neb., 1897.

Brunner, Edmund de Schweinitz, dir. town and country surveys, Inst. Social and Religious Res., 370 Seventh Ave., New York, N. Y.

Special lect. rural sociol., Coll. Missions, Drew Theol. Sem.; ed. church and country life dept., Christian Work; chm. rural adv. com., Fed. Council of Churches of Christ in Amer.; mem. exec. com. Amer. Country Life Assoc.; pres. Bd. Educ., Mountain Lakes, N. J. *Auth.*: History of Moravian Missions among California Indians, 1914; Cooperation in Coopersburg, 1916; The New Country Church Building, 1917; The Country Church in the New World

Order, 1919; A Church and Community Survey of Salem Co., N. J., 1922; A Church and Community Survey of Pen Oreille County, Wash., 1922; (with Mary V. Brunner) Irrigation and Religion, 1922; (with H. N. Morse) The Town and Country Church in the U. S., 1923; Church Life in the Rural South, 1923; Tested Methods in Town and Country Churches, 1923. *Ed.* town and country studies, Inst. Social and Religious Res., 15 vols. —*b.* Bethlehem, Pa., Nov. 4, 1889; *s.* Franklin H. and Nina (de Schweinitz) B.; reared in town; *m.* Mary W. Vogler, Dec. 16, 1912; *c.* Edmund Jr., Wilfred Robt. B.A., Moravian Coll., 1909; B.D., 1911; M.A., 1912; Ph.D., 1914.

Brunskill, Harley Corwin, co. club agt., Medina, O.

b. Sharon Center, O., July 29, 1894; *s.* Fred F. and Clara (Himelright) B.; reared on farm. B.S.A., Ohio State Univ., 1920.

Brunson, Arthur Maxwell, assoc. agron., U. S. Dept. Agr., Kans. State Agr. Coll., Manhattan, Kans.

Asst. and assoc. plant-breeding, Univ. Ill., 1913-20; asst. plant-breeding, Cornell Univ., 1920-3; present position, 1923-. (Corn breeding). —*b.* Joliet, Ill., Mar. 26, 1891; *s.* Gay M. and Rose (Stopp) B.; reared in town and on farm; *m.* Martha Taft, Feb. 15, 1919; *c.* Robt. Taft, Geo. Stopp. B.S., Univ. Ill., 1913; Ph.D., Cornell Univ., 1923. Sigma Xi; Gamma Alpha.

Brunson, Elmer Bruce, co. agrl. agt., St. Francis, Kans.

2d Lieut. and pilot, Air Serv., U. S. Army, 1918. —*b.* Solomon, Kans., Mar. 22, 1887; *s.* Edward and Virginia Emma (Wanless) B.; reared in country; *m.* Alice Elizabeth Jones, June 13, 1918; *c.* Virginia Frances, Robt. Bruce, Richard Wanless. B.S., Hobart Coll., 1911; M.S.A., Cornell Univ., 1914. Phi Phi Delta.

Bryan, Arthur Buist, agrl. ed., Clemson Agr. Coll., Clemson College, S. C.

Instr. English, Clemson Agr. Coll., 1901-3; asst. prof., 1903-13; assoc. prof., 1913-8; agrl. ed., 1918-. —*b.* Lees, S. C., June 7, 1875; *s.* Chas. E. and Martha (Zorn) B.; reared on farm; *m.* Inez Sledge, Nov. 2, 1904; *c.* Wm. Wright, Mary Cox. B.S., Clemson Agr. Coll., 1898; B.Litt., Geo. Peabody Coll., 1901.

Bryan, Kenneth Victor, asst. prof. dairying, Purdue Univ., LaFayette, Ind.

Present position, 1922-. Served in World War, 1917-9. —*b.* Webster City, Ia., Sept. 16, 1895; *s.* Frank and Margaret (Bell) B.; reared on farm. B.S., Okla. A. & M. Coll., 1921; M.S., Univ. Wis., 1922. Alpha Zeta; Sigma Nu.

Bryan, Mary Katherine, asst. path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Prince Geo. Co., Md., Feb. 13, 1877; *d.* Barnabas and Mary W. (Stebbins) B.; reared on farm. A.B., Stanford Univ., 1908. Phi Beta Kappa.

Bryan, Ollie Clifton, asst. prof. agron., Univ. Fla., Gainesville, Fla.

Res. fellow, Univ. Wis., 1920-2; asst. soil chem., W. Va. Univ., 1922-3; present position, 1923-. Mem. Wis. Acad. Sci. —*b.* Elba, Ala., July 30, 1894; *s.* M. B. and Mary L. (Chapman) B.; reared on farm; *m.* Aileen Mildred Box, June 24, 1922. B.S., Ala. Poly. Inst., 1918; M.S., Univ. Wis., 1921; Ph.D., 1922. Sigma Xi; Gamma Alpha; Alpha Gamma Rho.

Bryan, Walker Edward, prof. plant-breeding and plant-breeder Exp. Sta., Univ. Ariz., Tucson, Ariz.

Teach. sci., 2nd Distr. Agrl. Sch., Evergreen, Ala., 1912-4; asst. prof. plant-breeding, Univ. Ariz., 1916-9; assoc. in chg., 1919-20; present title, 1920-. Cotton-grower, Ala., 4 yrs. (Inheritance in wheat and cotton). —*b.* Gadsden, Ala., Jan. 24, 1885; *s.* S. B. and Anne (Wilson) B.; reared on farm; *m.* Edith Coffman, Aug. 7, 1918; *c.* Wm. Craig. B.S., Ala. Poly. Inst., 1911; M.S., Univ. Wis., 1915.

Bryant, Hal Farnsworth, agrl. statistician, U. S. Bur. Agrl. Econ., 520 Custom House, Louisville, Ky.

Newspaper reporter Lexington, Ky., 1908-12; present position, 1915-. —

b. Lexington, Ky., Sept. 15, 1888; *s.* Dudley H. and Sarah Quarles (Thomson) B.; reared on farm. B.S.A., Univ. Ky., 1914; M.S.A., 1916. Alpha Zeta.

Bryant, Thomson Ripley, asst. dir. agrl. ext., Univ. Ky., Lexington, Ky.

Asst. an. husb., Ky. Exp. Sta., 1908-10; prof. bact., Univ. Ky., 1910-2; asst. dir. ext., 1912-. (Bact.). —*b.* Fayette Co., Ky., Jan. 8, 1885; *s.* Dudley H. and Sarah Quarles (Thomson) B.; reared on farm; *m.* Lillian Chenault Watts, Nov. 5, 1913; *c.* Elizabeth Scovell, Thomson R. Jr. B.S.A., Univ. Ky., 1908. Sigma Alpha Epsilon; Alpha Zeta.

Bryant, Virgil Clay, asst. prof. agrl. ext., Univ. Calif., Berkeley, Calif.

Student asst., Kans. State Agr. Coll., 1909-10; student asst. Univ. Calif., 1910-1; instr. agr., Los Banos high-sch., Calif., 1911-3; instr. ext., Univ. Calif., 1913-5; asst. prof., 1915-. Dairy farmer, 1916-. —*b.* Edwards Co., Kans., Dec. 23, 1888; *s.* G. L. and Sarah (Shank) B.; reared on farm; *m.* Isabelle Arnott, June 24, 1914; *c.* Fern Frances, Sarah Elizabeth. B.S., Kans. State Agr. Coll., 1910; M.S., Univ. Calif., 1911.

Buchanan, Amos Wilson, distr. agrl. agt., Tex. A. & M. Coll., College Station, Tex.

Formerly rep. in Tex. State Legislature; ed. Brazos Pilot, 3 yrs. —*b.* DeSoto Parish, La., Mar. 23, 1863; *s.* Wilson G. and Jane Fleming (Booth) B.; reared on farm; *m.* Anna C. Peters, 1883; *c.* Roy, Bessie, Wilson, Blanche, Grady, John, Edgar. Student Tex. A. & M. Coll., 1 yr.

Buchanan, Robert Earle, dean graduate coll., prof. bact., bact. Exp. Sta., Ia. State Coll., Ames, Ia.

Instr. bot., Ia. State Coll., 1905-6; asst. prof. bact., 1906-7; assoc. prof., 1908-9; prof., 1909-; dean ind. sci., 1913-9; dean graduate coll., 1919-. Fellow A. A. A. S. Vice-pres. Soc. Amer. Bact., 1916; pres., 1917. *Auth.*: Veterinary Bacteriology, 1911, 2d ed., 1916; (with Mrs. Buchanan) Household Bacteriology. Adv. ed., Journal of Bacteriology. —*b.* Cedar Rapids, Ia., Mar. 27, 1883; *s.* John and Josephine (Hall) B.; reared in small town and on farm; *m.* Estelle D. Fogel, Jan. 6, 1909; *c.* Joseph Hall. B.S., Ia. State Coll., 1904; M.S., 1906; Ph.D., Univ. Chicago, 1908. Sigma Xi; Phi Kappa Phi; Phi Lambda Upsilon; Delta Theta Sigma; Delta Upsilon.

Buchanan, R. R., co. agrl. agt., Clinton, Minn.

Owner stock farm, Minn., 1916-; formerly co. agrl. agt., Sissiton, S. D. (Live-stock, dairy cattle and hogs). —*b.* Ripley, O., Dec. 18, 1888; *s.* John and Emily (Riggs) B.; reared on farm; *m.* Vera V. LaGrange, Sept. 4, 1917; *c.* Murray L., Helen L., Katherine L. B.S.A., Ohio State Univ., 1914. Delta Theta Sigma.

Bucher, Floyd Steinmetz, co. agrl. agt., Lancaster, Pa.

Asst. soils, Penn. State Coll., 1910; sci. asst., Bur. Soils, 1910-2; instr. soils, Penn. State Coll., 1912-3; agt. Lancaster Co., Pa., 1913-. Pres. Penn. Agrl. Ext. Reps. —*b.* Reamstown, Pa., Feb. 16, 1887; *s.* Wm. H. and Alice (Steinmetz) B.; reared on farm. B.S., Penn. State Coll., 1910. Alpha Zeta; Phi Kappa Phi.

Buchholz, Arthur Bernard, co. agrl. agt., Hudson, N. Y.

b. Geneva, N. Y., Dec. 6, 1886; *s.* A.E. and O. (Hein) B.; reared on farm and in village; *m.* Daisy M. Weeks, Apr. 30, 1914; *c.* Lewis, Jane, Priscilla, Marion, Ann, Arthur. B.S., Hobart Coll., 1909; M.S.A., Cornell Univ., 1911. Phi Phi Delta.

Buck, John Lossing, agrl. missionary, prof. rural sociol. and agrl. econ., Univ. Nanking, Nanking, China.

Farm instr., New Hampton Farms, N. Y., 1914-5; in chg. agrl. exp. work, Amer. Presbyterian Mission, Nanhsuchou, China, 1916-; present position, 1920-. Mem. agrl. com., China Christian Educ. Assoc.; mem. com. on credit and econ. improvement, China Intern. Famine Relief Comn.; mem. com. on country church and rural life problems, Nat.

Christian Council (China). —*b.* La-Grangeville, N. Y., Nov. 27, 1890; *s.* Vincent M. and Grace (Ten Hagen) B.; reared on farm; *m.* Pearl Sydenstricker, May 30, 1917; *c.* Caroline Grace. B.S., Cornell Univ., 1914; M.S., 1925.

Buckingham, Mark, co. agrl. agt., Dublin, Tex.

Farm manag., 1919-21. 2d Lieut. Field Art., U. S. Army, 1918-9. (Farm engin.). —*b.* Alto Pass, Ill., June 12, 1892; *s.* H. R. and Florence (Tarleton) B.; reared on farm; *m.* Olive Lash, Sept. 1, 1918; *c.* Florence Tarleton. Student Tulane Univ., 2 yrs. Pi Kappa Alpha.

Buckingham, Scovill McLean, farmer, Watertown, Conn.

Dairy farmer, Middlebury, Conn., 1899-; Watertown, 1918-. Trustee Conn. Agr. Coll.; rep. Conn. General Assembly, 1903, 1925. Mem. exec. com. Amer. Farm. Bur. Fed.; pres. Conn. Farm Bur. Fed.; pres. Litchfield Co. Farm Bur.; pres. E. States Farmers Exchange; mem. exec. com. Conn. Milk Producers Assoc.; dir. Conn. Poultry Producers Assoc.; vice-pres. E. States Coop. Milling Corp. —*b.* Brooklyn, N. Y., Oct. 3, 1876; *s.* John A. and Annie (McLean) B.; reared in village; *m.* Margaret McConway, Sept. 6, 1906; *c.* Mary, Margaret McConway, S. McLean Jr., Josephine Alden. A.B., Yale Univ., 1899; L.L.D., Harvard Univ., 1902. Alpha Delta Phi.

Buckler, Carl Wellington, asst. dir. industries, Jr. Achievement Bur., E. States League, Springfield, Mass.

Dir. agr., Manual Training Sch., Glenwood, Ill., 1915-8; head agrl. dept., Ill. State Normal Sch., Charlestown, 1918-9; agt. Monroe Co., W. Va., 1919-20; state leader boys and girls club work, Univ. Ky., 1920-4; present position, 1924-. *Ed.,* Community Building, 1919-. (Live-stock). —*b.* Metcalf, Ill., Apr. 14, 1887; *s.* W. M. and Lizzie Jane (Jennings) B.; reared on farm; *m.* Anne K. Hoyt, June 1, 1918. B.S., Univ. Ill., 1915.

Buckley, Dorothy Savery, nutr. specialist, Conn. Dairy and Food Council, 450 Asylum St., Hartford, Conn.

Instr. home econ., Mechanics Inst., Rochester, N. Y., 1911-4; instr. home econ., Corporation Sch., Brooklyn Union Gas Co., Brooklyn, N. Y., 1914-8; asst. state home dem. leader, Conn. Agr. Coll., 1918-22; present position, 1922-. —*b.* Kyoto, Japan, Aug. 2, 1889; *d.* Edmund and Sara (Craig) B.; reared in city. Ph.B., Univ. Chicago, 1911.

Buckley, Ralph Barnette, instr. voc. agr., high-sch., Ronceverte, W. Va.

Instr. agr., high-sch., Renick, W. Va., 1923-4; Ronceverte, 1924-. (An. husb.). —*b.* Buckeye, W. Va., July 12, 1898; *s.* John Barnette and Elizabeth Jane (McNeill) B.; reared on farm. B.S.A., W. Va. Univ., 1923. Alpha Zeta.

Buckley, Samuel Sutherland, assoc. an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Prof. vet. sci., Md. Agr. Coll., 1897-1916; vet., Md. Exp. Sta., 1899-1916; specialist an. ind. ext., 1916-8; ext. an. husb., 1918-20; present position, 1920-. —*b.* Mt. Washington, Md., May 31, 1873; *s.* Earlum and Helen Mar (Sutherland) B.; reared in town; *m.* Clara R. Thomas, June 12, 1899; *c.* Helen M., Dorothy M. B.Sc., Md. Agr. Coll., 1893; D.V.S., Amer. Vet. Coll. of Univ. of N. Y., 1896; M.Sc., Md. Agr. Coll., 1899.

Buckman, Harry Oliver, prof. soils, Cornell Univ., Ithaca, N. Y.

Asst. chem. sect., Ia. Exp. Sta., 1906-7; asst. agron., Mont. Exp. Sta., 1907-9; asst. prof. soils, Cornell Univ., 1912-7; prof., 1917-. *Auth.:* (with Lyon and Fippin) Soils—Their Properties and Management, 1915; (with Lyon) The Nature and Properties of Soils, 1922. —*b.* W. Liberty, Ia., July 4, 1883; *s.* Chas. E. and Louisa (Walter) B.; reared on farm; *m.* Rita Shannon, Dec., 1912. B.S.A., Ia. State Coll., 1906; M.S.A., 1908; Ph.D., Cornell Univ., 1912. Sigma Xi; Alpha Zeta; Gamma Alpha; Delta Upsilon.

Bucknam, Roland Franklin, co. agrl. agt., Herkimer, N. Y.

b. Holland, N. Y., Sept. 21, 1893; *s.* Webster U. and Delilah (Hayes) B.; reared on farm; *m.* Julia A. Krofts,

Feb. 9, 1916; *c.* Dorothy Marie. B.S., Cornell Univ., 1914.

Buechel, Frederick Anthony, prof. agrl. econ., Tex. A. & M. Coll., College Station, Tex.

Teach. E. Teach. Coll., Madison, S. D., 1912-9; Univ. Wis., 1919-21; present position, 1921-. —*b.* Littleport, Ia., Apr. 18, 1884; *s.* Anton and Regina B.; reared in village; *m.* L. May Colburn, Apr. 21, 1912; *c.* Frederick Arthur. B.S., Univ. Wis.; Ph.D., 1922.

Buell, Dorr Darius, farmer, Elmira, Mich.; May 20, 1882-Aug. 31, 1920. See Rus 1920.

Buell, Thomas Bingham, farmer, Union City, Mich.

Pres. Branch Co. Farm Bur. Traveled in Europe, 1900. —*b.* Union City, Mich., July 30, 1880; *s.* Darius D. and Estelle (Strong) B.

Buffum, Burt C., plant-breeder, 3443 Vallejo St., Denver, Colo.

Asst. meteorology and irrig. engin., Colo. Agr. Coll., 1890; prof. agr. and hort., Univ. Wyo., 1891-1900; vice-dir. Wyo. Exp. Sta., 1896-1900; prof. agr., Colo. Agr. Coll., 1900-2; prof. agr., Univ. Wyo. and dir. Exp. Sta., 1902-7; gen. manag., Wyo. Plant and Seed Breeding Co., 1907-13; plant-breeder, Buffum Pure Seed Co., 1913-4; pres. Emmers Products Co., 1914-8; chg. plant-breeding, Wyo. State Ind. Inst., Worland, Wyo., 1915. Fellow A. A. A. S. Comnr. Lewis & Clark Expos., Portland, Ore., 1905. *Auth.*: Arid Agriculture, 1909; Plant Breeding, 1912; Sixty Lessons in Agriculture (with Deaver), 1913. —*b.* S. Bend, Ind., Apr. 7, 1868; *s.* Geo. W. and Harriet (Butts) B.; *m.* Luda Maude Southworth, June 24, 1890. B.S., Colo. Agr. Coll., 1890; M.S., 1893.

Bull, Coates Preston, special asst., State Dept. Agr., St. Paul, Minn.

Asst. prof. farm crops, Univ. Ill., 1901-2; asst. and instr. agron., Univ. Minn., 1902-6; asst. prof., 1906-11; assoc. prof., 1911-6; prof. agron., 1916-9; present position, 1921-. Sec. Minn. Crop Improvement Assoc., 1905-20; ex-vice-pres. Amer. Soc. Agron.; dir. Nat. Corn Assoc. —*b.* Edina Mills, Minn., Oct. 11, 1872; *s.* Jas. A. and Amie Lea (Cooper) B.; reared on farm; *m.* Lotta Mae Tryon, Oct. 12, 1904; *c.* Coates P. Jr., Henry Enoch, Jas Tryon. B.S.A., Univ. Minn., 1901. Sigma Xi; Alpha Zeta.

Bull, Sleeter, assoc. prof. an. husb., Univ. Ill., Urbana, Ill.

Present position, 1911-. *Auth.*: The Principles of Feeding Farm Animals, 1916. (Meats, an. feeding). —*b.* Sidney, O., Dec. 23, 1887; *s.* B. T. and Lottie (Sleeter) B.; reared on farm; *m.* Lucille Simmons, 1911; *c.* Jean, Georgialee. B.S., Akron Univ., 1909; B.S.A., Ohio State Univ., 1910; M.S., Penn. State Coll., 1911. Sigma Xi; Gamma Sigma Delta; Zeta Alpha Epsilon; Alpha Gamma Rho.

Bullock, Benjamin Franklin, dir. agr. and prof. rural educ., A. & T. College, Greensboro, N. C.

Instr. agr. and chem., Lincoln Inst., Jefferson City, Mo., 1913-4; instr. agr. and biol., Morehouse Coll., Atlanta, Ga., 1914-7; dir. agr., A. & M. Coll., Tallahassee, Fla., 1917-9; dir. agr., and prof. rural educ., Prairie View State Coll., Prairie View, Tex., 1919-22; present position, 1922-. —*b.* Edgecombe Co., N. C., Apr. 2, 1888; *s.* Geo. and Martha (Johnston) B. (col.); reared on farm; *m.* Penelope L. Burwell, Sept. 18, 1918; *c.* Benj. F. Jr., Penelope. B.S.A., Univ. Minn., 1913; grad. work Cornell Univ. Alpha Phi Alpha.

Bullock, Dillman Samuel, dir. Agr. Sch., Instituto Agrícola Bunster, Angol, Chile.

Teach. agr., Mision Agricola e Industrial of Temuco, Chile, 1902-12; princ. Marinette Co. Agr. Sch., Marinette, Wis., 1912-6; ext. rep. in an. husb., Univ. of Wis. and fieldman for Wis. Livestock Breeders Assoc., 1916-20; agrl. comnr., U. S. Dept. Agr. for S. Amer. at Buenos Aires, 1920-3; present position, 1923-. Organized co-op. cattle buying and buying of seed grains for Marinette Co. farmers; started Wis. Pure bred Bull Campaign. Collected birds and mammals for British Museum and Amer. Museum Nat.

Hist. —*b.* Elba, Mich., Nov. 25, 1878; *s.* Carlos A. and Nellie E. (Litle) B.; reared on farm; *m.* Katrina J. Kelly, Mar. 1, 1906. B.S., Mich Agr. Coll., 1902; M.Agr., 1911; M.S., Univ. Wis., 1920.

Bullock, George, farmer, R. No. 1, Whitakers, N. C.

b. Halifax Co., N. C., Feb. 12, 1855; *s.* Louis and Elizabeth (Lewis) B. (col.); reared on farm; *m.* Martha Johnston, Dec. 24, 1879; *c.* Pearl, Geo. L., Benj. F., Joseph M., Lulu R., Jessie L.

Bullock, William H., dir. dept. of information, Federated Fruit and Veg. Growers Inc., New York, N. Y.

Assoc. ed., Orange Judd Co., publishers farm weeklies, 1914-8; poultry ed., Phelps Pub. Co., 1916-8; dir. publicity, morale sect., Div. Psychology, U. S. Army, Camp Greenleaf, Ga., 1918; assoc. ed., The Comeback, Med. Dept., U. S. Army, Washington, 1919; manag. ed. American Agriculturist, N. Y., 1919-21; ed. 1922; dir. bur. information, N. J. Fed. Co. Bd. of Agr., 1923-4; publicity dir., Jersey Fruit Growers Coop. Assoc., 1923-4. Mem. publicity comn., E. Apple and Fruit Expos., 1923; dir. adv. campaign, Gulf Coast Citrus Exchange, 1923; official bulletin com. 58th Nat. Grange Conv., 1924; manag. Mutual Service Corp., agrl. adv., 1923-4. —*b.* Passaic, Union Co., N. J., Aug. 19,1892; *s.* M. L. and Mary (Whiting) B. B.S., Cornell Univ., 1914.

Bumgardner, Jacob, instr. voc. agr., high-sch., Milton, Del.

Teach. agr., high-sch., Piedmont, W. Va., 1919-20; Enosburg Falls, Vt., 1920-1; manag. dairy farm, 1921-3; present position, 1923-. 2d Lieut. U. S. Army, World War. (An. husb.). —*b.* Staunton, Va., Mar. 31, 1896; *s.* Jacob and Minne (Jones) B.; reared in town and on farm. B.S., Penn. State Coll., 1918 Alpha Zeta.

Bunch, Leland, agrl. training officer, U. S. Veterans Bur., Bowling Green, Ky.

Supt. schs., Livermore, Ky., 1910-3; princ. Grammar Sch., Paducah, Ky., 1913-5; instr. agr., Geo. Peabody Coll., 1916; co. agrl. agt., Batesville, Ark., 1917-22; present position, 1922-. —*b.* Franklin, Ky., Nov. 25, 1881; *s.* Baxter M. and Amanda (Roark) B.; reared on farm; *m.* Pearl Nave, Apr. 20, 1916. B.S., Geo. Peabody Coll., 1916.

Bunn, William Benton, co. agrl. agt., Olney, Ill.

Asst. farm adv., Edgar Co., Ill., 1920; McDonough Co., 1920-3; farm adv. Richland Co., 1923-. Co. manag. Richland Coop. Live Stock Shipping Assoc. Served in Inf., U. S. Army, World War. —*b.* Richland Co., Ill., Nov. 7, 1893; *s.* W. B. and Fannie (Bowers) B.; reared on farm; *m.* Ruth Winans, Sept. 3, 1924. Grad. E. Ill. Teach. Coll., 1916; B.S., Univ. Ill., 1920.

Buntin, Charles Erwin, farmer, Hermitage, Tenn.

b. Robertson Co., Tenn., Apr. 7, 1880; *s.* W. A. and Jennie C. B.; reared in city; *m.* Jane Berry, July 31, 1907; *c.* Chas. Jr., Rachel, Horatio, Wm. Student, Univ. of the South, Swanee, Tenn. Phi Delta Theta.

Bunting, Thomas Gordon, prof. hort., Macdonald Coll., Que.

Asst. hort., N. H. Agr. Exp. Sta., 1909-10; asst. to Dominion hort., Ottawa, 1910-2; present position, 1912-. (Pom.). —*b.* St. Catharines, Ont., Nov. 10, 1885; *s.* W. H. and Elisa M. (Kelly) B.; reared on farm; *m.* Kathleen W. Jackson, Sept. 18, 1913; *c.* Elizabeth, Patricia. B.S.A., Univ. Toronto, 1907.

Burbank, Luther, naturalist, originator new grains, fruits, flowers, etc., Santa Rosa, Calif.

Special lect. on evolution, Leland Stanford Univ., 1900-5. Originator of numerous new forms of plant life; has under way 5000 experiments on some 6000 species. Fellow A.A.A.S.; hon. mem. Swedish Agrl. Soc.; Italian Agrl. Soc. *Auth.*: Training of the Human Plant, 1904; The Methods and Discoveries of Luther Burbank, 12 vols., 1914; How Plants are to Work for Man, 8 vols., 1921. —*b.* Lancaster, Mass., Mar. 7, 1849; *s.* Samuel Walton and Olive (Ross) B.; reared on farm; *m.* Elizabeth Waters, Dec. 21, 1917. Sc.D., Tufts Coll., 1905.

Burbank, William Fleming, co. agrl. agt., Fort Wayne, Ind.

Farm manag., O., 1919-20; official tester dairy cows, Univ. Wis., 1921; manag. private estate, Ill., 1922-4; agrl. agt. Allen Co., Ind., 1924-. Served in U. S. Navy, World War. —*b.* Benton Harbor, Mich., Jan. 3, 1896; *s.* Wm. Fleming and Lydia Dolly (Nichols) B.; reared in city; *m.* Iora Gertrude Hutchinson, Dec. 28, 1922; *c.* Gloria Lucille, Joyce. B.S.A., Ohio State Univ., 1919. Delta Theta Sigma.

Burchard, Paul Charles, ed. Hoard's Dairyman, Ft. Atkinson, Wis.

Sec. Wis. Dairymens Assoc., 1915-. Asst. postmaster, 1900-13. (Dairy farming). —*b.* Ft. Atkinson, Wis., Sept. 8, 1876; *s.* Geo. W. and Lucinda E. (Charles) B.; reared in country; *m.* Elizabeth Janet Hunter, Mar. 5, 1901; *c.* Mary Janet, Elizabeth Lucinda. B.A., Beloit Coll., 1900. Phi Kappa Psi.

Burd, John Sedgwick, prof. plant nutr., Univ. Calif., Berkeley, Calif.

Chem., Univ. Ida., 1903-5; instr., Univ. Calif., 1906-8; asst. prof., 1908-10; assoc. prof., 1910-3; prof., 1913-. Traveled in Orient 1915. —*b.* Indianapolis, Ind., Sept. 20, 1876; *s.* Wm. and Mary D. (Davis) B.; reared in city; *m.* Fannie Whittlesey Shore, Dec. 18, 1915; *c.* John S. Jr., Wm. Whittlesey, David Quentin. B.S., Univ. Calif., 1899. Sigma Xi.

Burdette, John Purdum, fruit-grower, La Plata, Md.

Princ. public schs., Georgetown, Del., 1897-8; vice-princ. Wilmington Conference Acad., Dover, 1898-9; princ. public schs., Smyrna, 1900-9; princ. Anne Arundel Acad., Millersville, Md., 1909-17; agt. Charles Co., Md., 1917-23; manag. Oakland Orchards, Inc., Newburg, Md., 1924-. Pres. Md. Crops Improvement Assoc. —*b.* Browningsville, Md., Oct. 20, 1868; *s.* Robt. E. and Eveline W. (Purdom) B.; reared on farm; *m.* Emma Jones, Dec. 29, 1898; *c.* Dorothy May, John Warren, Eunice Eveline, Wm. Morgan, Anne Arundel. A.B., Dickinson Coll., 1897. Phi Kappa Sigma.

Burdick, Raymond Terry, assoc. prof. econ., Colo. Agr. Coll., Ft. Collins, Colo.

Instr. agron., Univ. Vt., 1912-4; asst. prof., 1914-8; assoc. agron., Colo. Agr. Coll., 1919-21; assoc. econ., 1922-. —*b.* Lima, N. Y., May 5, 1889; *s.* John Alfred and Emma (Terry) B.; reared on farm; *m.* Lina Odell, Aug. 14, 1913. B.S., Cornell Univ., 1912; M.S., Colo. Agr. Coll., 1922.

Burgess, Albert Franklin, ent. in chg. moth work, U. S. Bur. Ent., Melrose Highlands, Mass.

Asst. ent., Mass. Bd. Agr., 1895-9; asst. ent., Univ. Ill., 1899-1900; asst. insp. nurseries and orchards, Ohio Exp. Sta., 1900-2; chief insp., Ohio State Bd. Agr., 1902-7; present position, 1907-. Sec. Amer. Assoc. Econ. Ent., 1903, 1906-23; pres., 1924. Fellow A. A. A. S.; Ent. Soc. Amer. Business manag., Journal of Economic Entomology. —*b.* Rockland, Mass., Oct. 2, 1873; *s.* Emory and Mary A. (Lewis) B.; reared in small town; *m.* Mary E. Dwight, June 20, 1904; *c.* Emory D., Albert F. Jr. B.S., Mass. Agr. Coll., 1895; M.S., 1897. Phi Sigma Kappa.

Burgess, Howard Clifton, co. agrl. agt., Twin Bridges, Mont.

Farmer, Palouse, Wash., 4 yrs.; manag. govt. farm, Ft. Keogh, Mont., 1917-9; agrl. agt. Cowlitz Co., Wash., 1919-20; Madison Co., Mont., 1920-. Served in Q. M. C., U. S. Army, 1917-9. (An. husb.). —*b.* Columbus, Kans., Mar. 23, 1893; *s.* Francis Freemont and Sarah Emily (Kellsey) B.; reared on farm; *m.* Pearl Gladys Morrison, Apr. 26, 1919. A.B., Wash. State Coll., 1916.

Burgess, John Arthur, marketing specialist, U. S. Dept. Agr., Washington, D. C.

With U. S. Dept. Agr., 1917-. (Marketing and distributing of meats). —*b.* Ottumwa, Ia., Jan. 11, 1890; *s.* Jas. R. and Elizabeth (Wagner) B.; reared in city; *m.* Juanita R. La Point, Apr. 5, 1918; *c.* Jas. R., John A. Jr. B.S., Ia. State Coll., 1915.

Burgess, Junius M., farmer, Route C, Box 125, Tallahassee, Fla.

Farmer till 1905; assoc. prof. dairying, Clemson Agr. Coll., 1905-18; dir.

Canebrake Exp. Sta., Uniontown, Ala., 1918-21; manag. creamery, 1922. (Dairy cattle, forage crops). —*b.* Summerton, S. C., Apr. 24, 1881; *s.* Thos. L. and Frances A. (Mayes) B.; reared in small town; *m.* Julia H. Mitchell, July 6, 1911; *c.* Anne Louise, Catherine. B.S., Clemson Agr. Coll., 1902.

Burgess, Paul Steere, prof. agrl. chem. and chem. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Asst. prof. soil chem. and bact., Univ. Calif., 1912-5; chem. Exp. Sta. of Hawaiian Sugar Planters Assoc., Honolulu, 1915-9; chem., R. I. Agr. Exp. Sta., 1920-4; present position, 1924-. *Auth.*: Soil Bacteriology Laboratory Manual, 1914. —*b.* Providence, R. I., Mar. 17, 1885; *s.* Gideon A. and Emma A. (Steere) B.; reared in city and on farm; *m.* Frances Bernice Dougan, Apr. 30, 1914. B.S., R. I. State Coll., 1910; M.S., Univ. Ill., 1911; Ph.D., Univ. Calif., 1920. Sigma Xi; Phi Kappa Phi; Phi Lambda Upsilon; Alpha Chi Sigma.

Burk, Earl Frederick, instr. voc. agr., Memorial High-Sch., Hill City, Kans.

Asst. instr. hort. and home-study, Kans. State Agr. Coll., 1920-2; instr. voc. agr., high-sch., Garden City, Kans., 1922-4; present position, 1924-. —*b.* Ottawa, Kans., Aug. 6, 1896; *s.* C. F. and Hannah (Beilkartz) B.; reared in city and on farm; *m.* Helen L. Ferguson, Jan. 1918. B.S.A., Kans. State Agr. Coll., 1922. Phi Delta Kappa.

Burk, Lloyd Byron, marketing specialist live-stock and meats, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. an. husb., Univ. Mo., 1912-3; asst. prof., 1913-4; assoc. prof., 1914-5; in chg. swine invest., Tex. A. & M. Coll., 1915-8; present position, 1918-. —*b.* Butler, Mo., June 30, 1883; *s.* Monroe and Nannie (Belle) B.; reared on farm; *m.* Ximenia Y. Z. Harper, June 12, 1911; *c.* Phila Belle, Lloyd Byron Jr. B.S.A., Univ. Mo., 1911.

Burke, Arthur Devries, assoc. prof. dairying, Okla. A. & M. Coll., Stillwater, Okla.

Insp. dairy products, Huntington, W. Va., 1916-7; U. S. Public Health Serv., 1917; instr. dairying, Ohio State Univ., 1919-20; asst. prof., Okla. A. & M. Coll., 1920-2; assoc. prof., 1922-. 2d Lieut. U. S. Army, 1917-8; 1st Lieut. 1918-9. —*b.* Wheeling, W. Va., Jan. 10, 1893; *s.* Thos. Carrol and Anna D. (Little) B.; reared in suburbs; *m.* Marguerite Outcalt, Feb. 1, 1921. B.S., Univ. Wis., 1916; M.S., Ohio State Univ., 1920. Alpha Gamma Rho.

Burke, Harry Eugene, ent., Bur. Ent., U. S. Dept. Agr., Palo Alto, Calif.

Farming, lumbering, Kent, Wash., 5 yrs.; U. S. Bur. Ent., 1902-. (Flathead borers, buprestid ecology, insects injurious to metals, shade tree pests, bark beetle parasites). —*b.* Paradise Valley, Nev., May 19, 1878; *s.* Harry Daniel and Sarah Eugenia (Jones) B.; reared on farm and in town; *m.* Marion J. Armstrong, 1907; *c.* Marion R., Mabel C., Dorothy E., Harry E., Janet M. B.S., Wash. State Coll., 1902; M.S., 1908; Ph.D., Stanford Univ., 1923. Sigma Xi; Phi Kappa Phi.

Burke, Lulu A., sec. Chamber of Commerce and state organizer for women of Okla. Cotton Growers Assoc., Oklahoma City, Okla.

Del. to World Dry-Farming Congress; del. to State Democratic Conv.; del. to first state Womens Auxiliary Amer. Legion. Co. chm. Red Cross, World War. —*b.* Cassville, Mo., Feb. 14, 1886; *d.* Julius R. and Sarah (Longley) Ellis; reared in town; *m.* William John Burke, June 6, 1905; *c.* Creta Margaret, Wm. Ellis. Student Miss. A. & M. Coll., 2 yrs.

Burke, Victor, prof. bact., Wash. State Coll., Pullman, Wash.

b. Kent, Wash., Mar. 12, 1882; *s.* Harry E. and Eugenia S. B.; *m.* Georgina S. Spooner, 1912. A.B., Stanford Univ., 1907; A.M., 1908; Ph.D., 1912.

Burkett, Charles William, agrl. ed. Premier Syndicate, 241 W. 58th St., New York, N. Y.

Asst. agr., Ohio State Univ., 1895-8; prof. agr. and agrst. Exp. Sta., N. H. A. & M. Coll., 1898-1901; N. C. A. & M. Coll., 1901-6; dir. Kans. Exp. Sta.,

1905-8; ed. American Agriculturist and book ed. Orange Judd Co., 1908-21; pres. and ed. American Agriculturist, 1921-2; Premier Syndicate, 1922-. Del. by Kans. to conduct cereal invest. in Turkey and Russia, 1907. Ed. and founder, The Agricultural Student. Mem. Council on Agrl. Educ., N. Y. Dept. Educ. *Auth.*: A History of Ohio Agriculture, 1899; Agriculture for Beginners, 1903; Hill Readers (joint author) 1904; Cotton, 1906; Soils, 1907; Farm Stock, 1909; Farm Crops, 1910; Farmers' Veterinarian, 1911; First Principles of Feeding Farm Animals, 1914; Soils and Crops (joint author), 1915; Farm Animals (joint author), 1916; Between Two Lives, 1917. *Ed.*, The Country Life Series of text-books. —*b.* Thornville, O., Jan. 3, 1873; *s.* Joseph Walker and Anna (Klingler) B.; reared on farm; *m.* Laura Weisman, Dec. 27, 1900; *c.* Dorothy Louise, Chas. Wm. Jr. B.Sc., Ohio State Univ., 1895; M.Sc., 1898; Ph.D., Lima Coll., 1900. Kappa Sigma; Alpha Zeta (co-founder).

Burkholder, Cecil Leland, assoc. hort. ext., Purdue Univ., W. LaFayette, Ind.

Orchardist, Mich., Pa., 1 yr.; ext. hort., O., 1 yr.; present position, 1917-. —*b.* Clyde, O., June 14, 1891; *s.* Hiram and Laura B.; reared on farm; *m.* Alyce Johnson, Jan. 18, 1920. B.S., Ohio State Univ., 1915. Delta Theta Sigma.

Burkholder, Walter H., asst. prof. plant path., Cornell Univ., Ithaca, N. Y.

In N. Y. State bean invests., 1917-21; present position, 1921-. (Diseases of beans, raspberries). —*b.* Crawfordsville, Ind., Feb. 1, 1891; *s.* Samuel Pugh and Winona Eloise (Swift) B.; reared in town. A.B., Wabash Coll., 1913; Ph.D., Cornell Univ., 1917. Sigma Xi; Gamma Alpha.

Burlingham, Charles Lloyd, sec.-treas. Ayrshire Breeders Assoc., Brandon, Vt.

Dairy ext., Neb., U. S. Dairy Div., 1915; chg. dairy ext. in middle states, 1916; assoc. ed. Hoard's Dairyman, 1916-21. Second class seaman, U. S. Navy. —*b.* Linn Co., Ia., Mar. 3, 1892; *s.* Chas. and Florence (Isham) B.; reared on farm; *m.* Mary E. Vaughn, June 21, 1917; *c.* Elizabeth V., Charles V. B.S.A., Ia. State Coll., 1913; M.A., Univ. Mo., 1914. Gamma Sigma Delta; Delta Sigma Rho.

Burlison, William Leonidas, assoc. prof. crop production and head agron. dept., Univ. Ill., Urbana, Ill.

Asst. agron., Okla. Exp. Sta., 1906-8; asst. prof. agron., Okla. A. & M. Coll., 1908-10; assoc. ed. Northwest Farmstead, Orange Judd, 1910-2; assoc. crop production, Univ. Ill., 1912-5; assoc. prof., 1915-; head agron. dept., 1920-. —*b.* Harrison, Ark., Sept. 3, 1882; *s.* Wm. Washington and Amanda Ercilla (Pettit) B.; reared on farm; *m.* Flossy Belle Lewis, May 19, 1909; *c.* Lewis Eugene, Ruth Helen. B.S., Okla. A. & M. Coll., 1905; M.S., Univ. Ill., 1908; Ph.D., 1915. Sigma Xi; Alpha Zeta; Pi Delta Epsilon.

Burmeister, Charles Alexander, marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. manag. ranch, McMullen Co., Tex., 1908-10; instr. agr. and sci., high-sch., Brownwood, Tex., 1910-1; asst. dry land agr., Bur. Plant Ind., 1911-5; asst. in marketing by parcel post, Bur. Markets, 1915-6; asst. in marketing live-stock and meats, 1916-20; asst. in market information, 1920-4; present position, 1924-. —*b.* Tilden, Tex., Nov. 29, 1887; *s.* Frank H. and Sallie J. (Russell) B.; reared on farm; *m.* Josephine M. Tomlin, June 16, 1915. B.S., Tex. A. & M. Coll., 1908.

Burnett, Edgar Albert, dean Coll. Agr., dir. Exp. Sta., Univ. Neb., Lincoln, Neb.

Instr., Mich. Agr. Coll., 1889-93; prof. agr., S. D. Agr. Coll., 1896-9; prof. an. husb., Univ. Neb., 1899-1915. Chm. Sta. Sect., Assoc. Amer. Agr. Colls. and Exp. Stas. Former pres., Amer. Assoc. Farmers Inst. Workers. Mem. Educ. Corps, A. E. F. —*b.* Livingston Co., Mich., Oct. 17, 1865; *s.* Ellsworth S. and Mary Eliza (Crane) B.; reared on farm; *m.* Nellie E. Folsom, 1899; Knox Folsom. B.S., Mich. Agr. Coll., 1887; D.Sc., 1917.

Burnett, John Eric, assoc. prof. dairy husb. and res. assoc. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Instr. dairy husb., Mich. Agr. Coll., 1915-7; asst. prof., 1918-20; assoc. prof., 1920-; res. assoc. dairy husb., Exp. Sta., 1920-. —*b.* Canandaigua, N. Y., Dec. 17, 1892; *s.* John and Laura (Louth) B.; reared in town; *m.* Ruth Elizabeth Valentine, Aug. 4, 1917; *c.* John Eric, Wm. Valentine, Thos. Hugh. B.S., Mich. Agr. Coll., 1915; M.Agr., 1920.

Burnett, Lyman Crane, chief in cereal breeding, Ia. Exp. Sta., Ames, Ia.

Asst., Ia. Exp. Sta., 1906-15; chief cereal breeding, 1916-. —*b.* Bancroft, Mich., Mar. 15, 1881; *s.* Ellsworth Solon and Eliza (Crane) B.; reared on farm; *m.* Pearl Hensel, Jan. 14, 1908; *c.* Kenneth Hensel, Dorothy, Barbara. B.S., Univ. Neb., 1903; M.S.A., Ia. State Coll., 1906. Phi Kappa Phi; Alpha Zeta.

Burnham, Donald Robert, assoc. agron., Off. Dry Land Agr., U. S. Dept. Agr., Tucumcari, N. Mex.

Asst. dry land agr., Field Sta., Lawton, Okla., 1920-1; supt. Field Sta., Tucumcari, N. Mex., 1922-. Served in Med. Corps, U.S. Army, 1917-9. —*b.* Westfield, Wis., Mar. 5, 1894; *s.* D. F. and Meta (Constance) B., reared on farm and in city; *m.* Maude B. Honeywell, Nov. 29, 1923. B.S.A., Univ. Wis., 1917.

Burnham, Ernest, dir. dept. rural educ., W. Mich. Normal Sch., Kalamazoo, Mich.

Co. comnr. schs., Calhoun Co., Mich., 1899-1904; present position, 1904-. Fellow A. A. A. S. *Auth.*: Rural School Efficiency in Kalamazoo County, 1909; Two Types of Rural Schools, 1912; Rural Teacher Preparation in State Normal Schools, 1918. *Ed.,* Albion Recorder 1896-9. —*b.* Climax, Mich., Oct. 15, 1869; *s.* Orsemus and Margaret (Smith) B.; reared on farm; *m.* Grace E. Armstrong, June 22, 1899. Ph.B., Albion Coll., 1896; A.M., 1902; Ph.D., Columbia Univ., 1912. Sigma Chi; Phi Delta Kappa.

Burns, Francis William, asst. prof. an. husb., Ala. Poly. Inst., Auburn, Ala.

Instr. an. husb., Ala. Poly. Inst., 1918-9; asst. prof., 1920-. —*b.* Wayne, Ill., Aug. 5, 1896; *s.* Wm. and Maud (Hill) B.; reared on farm; *m.* Inez Cotten, Aug. 16, 1921; *c.* Mary Claire. B.S., Ala. Poly. Inst., 1917. Theta Chi; Gamma Sigma Delta.

Burns, Robert Homer, asst. wool specialist, Univ. Wyo., Laramie, Wyo.

Asst. an. husb., N. Mex. A. & M. Coll., 1921-2; asst. an. husb., Univ. Ariz., 1922-4; present position, 1924-. —*b.* Laramie, Wyo., Aug. 23, 1900; *s.* Otto Lyle and Addelaide (Barton) B.; reared on ranch; *m.* Agnes Brown Millar, Mar. 4, 1925. B.S., Univ. Wyo., 1920; M.S., Ia. State Coll., 1921. Alpha Tau Omega.

Burr, Jay C., farmer and breeder Holstein-Friesian cattle, Wauseon, O.

Asst. cashier, Peoples State Bank, Wauseon, 1907-10; farmer, 1911-. Pres. Northwestern Coop. Sales Co., 1920-. *Ed.,* Cooperative Dairy Farmer. —*b.* Wauseon, O., Nov. 8, 1882; *s.* Chas. A. and Elizabeth (Bates) B.; reared on farm; *m.* Kathryn L. Smith, Jan. 17, 1917. B.S., Ohio Wesleyan, 1905.

Burr, Walter, prof. sociol., Kans. State Agr. Coll., Manhattan, Kans.

Asst. dir. rural serv. dept., Kans. State Agr. Coll., 1914-5; dir., 1915-; asst. state dem. agt. leader, 1917-. —*b.* Plymouth, Ill., Aug. 3, 1877; *s.* Horace M. and Sarah (Shuck) B.; reared in town; *m.* Buena Hall, Jan. 1, 1905; *c.* John, Frank, Mary, Martha. B.S., Kans. State Agr. Coll.

Burr, William Wesley, prof. agron. and head dept., asst. dir. Exp. Sta., Univ. Neb., Lincoln, Neb.

Off. Dry Land Agr., U. S. Dept. Agr., 1906-16; present position, 1916-. Fellow A. A. A. S. Contr. to Book of Rural Life. —*b.* Goodland, Ind., Mar. 26, 1880; *s.* Elliot R. and Sarah Jane (Vorheis) B.; reared on farm; *m.* Aurelia M. Scott, Jan. 1, 1919; *c.* Della Jean, Wm. W. B.S.A., Univ. Neb., 1906. Sigma Xi; Alpha Zeta.

Burrington, Warren D., fieldman Mich. Guernsey Breeders Assoc. and dairy specialist, Mich. State Coll., E. Lansing, Mich.

Asst. dairy husb., Conn. Agr. Coll., 1922-4; Conn. Agr. Exp. Sta., June-Oct., 1924; present position, 1924-. —*b.* Hudson, Mass., Nov. 9, 1899; *s.* Robt. D. and Harriet E. (Monette) B.; reared in town. B.S., Conn. Agr. Coll., 1922; M.S., 1924. Eta Lambda Sigma.

Burritt, Maurice Chase, farmer, Hilton, N. Y.

Sci. asst., Off. Farm Manag., U. S. Dept. Agr., 1908-11; ed. N. Y. Tribune Farmer, 1911-3; state leader co. agrl. agts., Cornell Univ., 1914-6; dir. ext., 1917-24. Dir. W. N. Y. Fruit Growers Coop. Assoc., Rochester; dir. Grange League Fed. Exchange, Ithaca. *Auth.*: Apple Growing, 1912; The County Agent and the Farm Bureau, 1922. —*b.* Hilton, N. Y., Feb. 4, 1883; *s.* Stephen D. and Anna (Chase) B.; reared on farm; *m.* Estella May Buell, Aug. 9, 1911; *c.* Helen Rosamond, Stephen Gilbert, Maurice Buell. B.S.A., Cornell Univ., 1908; M.S.A., 1910. Sigma Phi Sigma; Alpha Zeta.

Burt, George James, agrl. rehabilitation asst., U. S. Veterans Bur., Rochester, N. Y.

Commercial rose-growing, Erie, Pa., 1912-3; sci. asst., Off. Corn Invest., U. S. Dept. Agr., 1914-9; farm manag., Naperville, Ill., 1919-20; present position, 1920-. —*b.* Elmira, N. Y., 1887; *s.* Geo. and Annie H. (Veazie) B.; reared in town and on farm; *m.* Sarah Haugh, Jan. 15, 1917; *c.* John Haugh. B.S.A., Cornell Univ., 1911.

Burt, Henry John, asst. prof. rural life, Hendrix Coll., Conway, Ark.

Asst. physics, Mass. Agr. Coll., 1919-20; teach. sci., high-sch., Holyoke, Mass., 1921-3; present position, 1924-. (Rural sociol.). —*b.* W. Somerville, Mass., Apr. 11, 1895; *s.* Frederick A. and Alice E. (Barrows) B.; reared in city; *m.* Ruth C. Brackett, July 23, 1921; *c.* Eleanor Ruth, Richard Henry. B.S., Mass. Agr. Coll., 1919; M.A., Univ. Mo., 1924. Phi Kappa Phi.

Burton, Austin Marshall, co. agrl. agt., Concord, Calif.

Chief, Plant Ind. Div., Philippine Bur. Agr., 7 yrs.; farmer, Calif., 3 yrs. Supervised purchase of rice in Saigon, Indo-China, for U. S. Navy, 1917. Formerly assoc. ed., Philippine Agricultural Review and Philippine Farmer. (Trop. agr., rice culture). —*b.* Stockton, Calif., June 27, 1886; *s.* Frank and Carrie E. (Parsons) B.; reared in town; *m.* Luella J. Clark, Aug. 14, 1919. B.S., Univ. Calif., 1909. Alpha Zeta.

Burton, Myron Garfield, dir. home-study serv., Kans. State Agr. Coll., Manhattan Kans.; Sept. 13, 1880-Feb. 20, 1923. See Rus 1920.

Burton, Robert Emil, instr. agr., high-sch., Santa Cruz, Calif.

Co. club leader, Fresno, Calif., 1918-9; present position, 1915-8, 1919-. Pres. Santa Cruz Poultry Assoc., 1916-8. —*b.* Hoboken, N. J., Jan. 22, 1888; *m.* Lucy M. Atkinson, June, 1916; *c.* Ruth Caroline, Barbara Dean, David, Robert. B.S., Univ. Calif., 1915. Alpha Zeta; Alpha Kappa Lambda.

Bush, George Wendell, co. agrl. agt., Utica, N. Y.

General farmer, 1906-12; manag. Arden Farms Dairy Co., 1906-12; agt. Oneida Co., N. Y., 1912-5, 1918-; state leader co. agts., Ohio State Univ., 1915-6. *Ed.*, Dairymen's League News, 1917-8. —*b.* Nanticoke, N. Y., Nov. 17, 1880; *s.* Marcene and Mary (Hoard) B.; reared on farm; *m.* Meta Elizabeth Smith, Aug. 23, 1911; *c.* David Hoard. B.S.A., Cornell Univ., 1905. Alpha Zeta.

Bushey, Alfred Leland, asst. prof. agron., S. D. State Coll., Brookings, S. D.

Instr. agron., Purdue Univ., 1914-8; agrl. agt., Aurora Co., S. D., 1918-20; present position, 1920-. (Agrl. chem.). —*b.* De Smet, S. D., Aug. 29, 1889; *s.* R. L. and Anne M. (Leland) B.; reared on farm; *m.* Grace Wallis, 1917. B.S., S. D. State Coll., 1914; M.S.A., Purdue Univ., 1916.

Bushnell, Leland David, prof. bact., Kans. State Agr. Coll., Manhattan, Kans.

Asst. bact., Mich. Agr. Coll., 1905-7; dairy bact., Dairy Div., Bur. An. Ind., U. S. Dept. Agr., 1907-8; asst. bact., Kans. State Agr. Coll., 1908-9; instr., 1909-10; asst. prof., 1910-2; prof., 1912-. Fellow A. A. A. S. —*b.* Bronson, Mich., Oct. 19, 1880; *s.* Wm. B. and S. Maria (Taggart) B.; reared on farm; *m.* Florence Warner. B.S., Mich. Agr. Coll., 1905; M.S., Univ. Kans., 1915; Geo. Cheyne Shattock Memorial Fellow, Harvard Univ., 1915-6; Ph.D., Harvard Univ., 1921. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Sigma Gamma Delta.

Bushong, Albert B., teach. voc. agr., high-sch., Granite Falls, N. C.

Served in World War. —*b.* Harrisville, Va., Mar. 3, 1894; *s.* Wm. A. and Eva J. B.; reared on farm; *m.* Estelle Kinzer, Aug. 29, 1923. B.S., Va. Poly. Inst., 1923. Phi Kappa Phi.

Bussell, Frank Pores, prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Teach., high-sch., Geneva, N. Y., 1901-3; St. Paul, Minn., 1905-6; Alameda, Calif., 1907-8; farmer and seed-grower, Ill., 1908-14; instr. plant-breeding, Cornell Univ., 1915-9; asst. prof., 1919-24; prof., 1924-. (Barley breeding). —*b.* Abilene, Kans., Sept. 3, 1878; *s.* Benj. and Emma L. (Hamlin) B.; reared in city and on farm; *m.* Grace M. Eaton, Sept. 4, 1912. A.B., Colgate Univ., 1901; Ph.D., Cornell Univ., 1919. Phi Beta Kappa; Sigma Xi; Delta Kappa Epsilon.

Bussey, Arthur Stewart, co. agrl. agt., Douglas, Ga.

Instr. agr., 11th Distr. State A. & M. Sch., Douglas, Ga., 1920-3; agrl. agt. Coffee Co., 1923-. 2d Lieut. Inf., U. S. Army, 1918-9. (An. husb.). —*b.* Waverly Hall, Ga., Aug. 31, 1897; *s.* T. H. and Martha (Whigham) B.; reared on farm; *m.* Maureen E. Hammond, May 12, 1924. B.S.A., Univ. Ga., 1918.

Butler, Bion H., writer and farmer, Southern Pines, N. C.

Manag. Bradford, Pa., Era, 3 yrs.; editorial writer and traveling rep., Pittsburg Times, 10 yrs.; special writer, Raleigh, N. C., News and Observer; vice-pres. Carolina Coal Co. Investigated Armenian massacres in Turkey and oil fields of Russian Caspian country, 1896, as. rep. Pittsburg Times. *Auth.*: The Church on Quintuple Mountain, 1912. —*b.* Brookville, Pa., June 28, 1857; *s.* Cyrus and Elizabeth (Huhn) B.; reared in country and city; *m.* Anna E. Schwem, June 8, 1892; *c.* Howard N., Helen K., Cyrus O.

Butler, Burridge Davenal, pub. Prairie Farmer, Waverly Rd., Highland Park, Ill.

Trustee Blackburn Coll. Fed. state dir., U. S. Boys Working Reserve. Pres. Minneapolis Daily News, 1903-9; vice-pres. Omaha Daily News, 1899-1909; pres. Agrl. Publishers Assoc., 1914-5. Traveled in Europe. Farmer, Wheaton, Ill. —*b.* Louisville, Ky., Feb. 5, 1868; *s.* Thos. D. and Marie (Radcliffe) B.; reared in city; *m.* Winnie Whitfield, Dec. 22, 1890; 2d, Ina Hamilton Busey, Aug. 30, 1906.

Butler, George, teach. agr., high-sch., Camden, Del.

Foreman stock farm, N. J., 1915; present position, 1920-. —*b.* Mexico, N. Y., Oct. 31, 1888; *s* Edward and Emma (Markham) B.; reared on farm; *m.* Annette Stoddart, July 24, 1915. B.S., Cornell Univ., 1912.

Butler, Ovid M., exec. sec. Amer. For. Assoc., 1523 L St., N. W., Washington, D. C.

Asst. dir. For. Products Lab., Madison, Wis., 1917-22; ed. American Forests and Forest Life and exec. sec. Amer. For. Assoc., 1922-. —*b.* Indianapolis, Ind., July 14, 1880; *s.* Scot and Julia D. B.; reared in town; *m.* Adele McMaster, Nov. 28, 1908; *c.* Mack, Scot, Betty. A.B., Butler Coll., 1902; M.F., Yale For. Sch., 1907. Sigma Chi.

Butler, Tait, agrl. ed., Memphis, Tenn.

Prof. vet. med. and physiol., Miss. A. & M. Coll., 1891-6; prof. vet. sci. and bact. and state vet., Kans. State Agr. Coll., 1900-1; prof. vet. sci. and state vet., N. C. A. & M. Coll., 1901-5; dir. N. C. farmers insts., 1903-8. Pres. Amer. Vet. Med. Assoc., 1900-1;

pres. Assoc. Amer. Farmers Inst. Workers. *Joint auth.*: Stevens and Butler, Practical Arithmetic. *Ed.*, Southern Farm Gazette, 1895-8; Progressive Farmer, Memphis, Tenn., 1909-. (An. husb.). —*b.* Hastings Co., Ont., July 24, 1862 (naturalized 1898); *s.* Jas. W. and Arvilla (Sine) B.; reared on farm; *m.* Dell Billington Bell, Aug. 8, 1893; *c.* Eugene, Seta. V.S., Ont. Vet. Coll.

Butterfield, Kenyon Leech, pres. Mich. State Coll., E. Lansing, Mich.

Ed. Mich. Grange Visitor, 1892-5 and grange dept. Michigan Farmer, 1895-1903; supt. Mich. farmers inst., 1895-9; field agt., Mich. Agr. Coll., 1896-9; instr. rural sociol., Univ. Mich., 1902-3; pres. R. I. State Coll., 1903-6; pres. Mass. Agr. Coll., 1906-24; present position, 1924-. Mem. Roosevelt Country Life Comn.; U. S. Comn. on Rural Credit; mem. Educ. Corps Comn., A. E. F.; del. First White House conference of Governors; pres. Assoc. Amer. Agrl. Colls. and Exp. Stas., 1917; pres. Amer. Country Life Assoc.; Officer of Agr. Excellence and Officer of Public Instruction, Republic of France; mem. China Educ. Comn., 1921. *Auth.*: Chapters in Rural Progress, 1908; The Country Church and The Rural Problem, 1910; The Farmer and the New Day, 1919; A Christian Program for the Rural Community, 1923. —*b.* Lapeer, Mich., June 11, 1868; *s.* I. H. and Olive F. (Davison) B.; reared on farm; *m.* Harriet E. Millard, Nov. 28, 1895; *c.* Howard Millard, Victor Lloyd. B.S., Mich. Agr. Coll., 1891; A.M., Univ. Mich., 1902; LL.D., Amherst Coll., 1910; R. I. State Coll., 1920.

Butterworth, Julian Edward, prof. rural educ., Cornell Univ., Ithaca, N. Y.

Prof. psychology, Duluth State Normal, 1912-3; prof. secondary educ., Univ. Wyo., 1913-9; dean Coll. Educ., 1917-9; present position, 1919-. Mem. State Bd. Educ. Examiners, Wyo., 1916-7; joint com. on Rural Schs. in N. Y., 1920-4. *Auth*: Problems in State High School Finance, 1918; School Buildings and Grounds in Rural New York, 1922. —*b.* Dow City, Ia., Oct. 2, 1884; *s.* Chas. E. and Ida M. (Rudd) B.; reared on farm and in village; *m.* Veta Laura Scott, Aug. 14, 1909; *c.* Julian Scott. B.A., State Univ. Ia. 1907; M.A., 1910; Ph.D., 1912. Phi Beta Kappa; Phi Delta Kappa.

Button, Forrest Clifton, assoc. prof. dairy husb. and assoc. dairy husb. Exp. Sta., Rutgers Univ., New Brunswick, N. J.

Grad. asst. dairy ind., Cornell Univ., 1917-8; dairy insp., U. S. Public Health Serv., 1918; instr., Rutgers Coll., 1918-20; asst. prof. dairy husb., 1920-4; assoc. prof., 1924-. Del. to World's Dairy Congress, 1923. —*b.* Fredonia, N. Y., July 22, 1894; *s.* Geo. I. and Hattie (Babcock) B.; reared on farm; *m.* Maie F. Livermore, Aug. 26, 1919. B.S., Cornell Univ., 1916. Kappa Phi; Delta Sigma Phi.

Button, Frank Morse, lands. arch., Coral Gables, Fla.

Engin. on construction Ft. Sheridan, Chicago, Ft. Logan A. Root, Little Rock, Ark., Jefferson Barracks, Mo.; with O. C. Simonds, lands. arch., Chicago, 23 yrs.; private practice, 1918-. In Camp Planning Dept., U. S. Q. M. Dept., 1918. —*b.* Brandon, Vt., Aug. 14, 1866; *s.* Frank R. and Laura (Morse) B.; reared in town; *m.* Florence Brison, 1894 (*d.* 1918); 2d Eunice Martin, 1924; *c.* Florence. C.E., Univ. Vt., 1887. Sigma Phi.

Button, Harry Freeman, farmer, R. D. 3, Canastota, N. Y.

Teach. agr., Waterford Acad., Pa., 1907-8; dir. 8th Distr. Agrl. High-Sch., Manassas, Va., 1908-13; prof. agr., Vincennes Univ., Ind., 1913-5; formerly head dept. crops and soils, N. Y. State Sch. Agr., Farmingdale; ext. lect., Brooklyn Acad. Arts and Sci., 1917-8. —*b.* Canastota, N. Y., Aug. 17, 1879; *s.* Romaine D. and Emma A. (Freeman) B.; reared on farm; *m.* Bessie Markham McCartney, May 21, 1904; *c.* Gertrude, Dorothy, Burr, Romaine. B.S.A., Cornell Univ., 1906.

Button, Milton H., co. agrl. agt., W. Bend, Wis.

b. Lone Rock, Wis., Oct. 15, 1896; *s.* A. H. and Sara (Wallace) B.; reared on farm; *m.* Velma Salisbury, June 18, 1919; *c.* Elinor, Ramona. Student Univ. Wis. Theta Chi.

Byars, Stephen M., co. agrl. agt., Anderson, S. C.

Sch. teach., 5 yrs., agrl. agt., Southern Ry., 1913-5; agrl. agt. Anderson Co., S. C., 1915-. —*b.* W. Point, Miss., Feb. 6, 1888; *s.* Wm. Joseph and Susan (Timms) B.; reared on farm; *m.* May Covington, Dec. 23, 1913; *c.* Munger, Maydelle, Ellie Sue. Student Valparaiso Univ., Ind.

Byers, William Claude, Penn. Joint Stock Land Bank, Philadelphia, Pa.

Sci., Bur. Soils, U. S. Dept. Agr., 1909-13; superv. agrl. dept., N. Y. Central Lines, 1913-20; manag. agrl. bur., Penn. State Chamber of Commerce, Harrisburg, 1920-4; present position, 1924-. (Soils, agrl. econ.). —*b.* Westmoreland Co., Pa., Nov. 21, 1886; *s.* Wm. L. and Charlotte (Chambers) B.; reared on farm and in town; *m.* Caroline Lynch, 1924. Student Washington and Jefferson Coll.; B.S., Penn. State Coll., 1909; M.S., 1912. Phi Kappa Psi; Alpha Zeta.

Byrd, Ellie Houston, teach. voc. agr., high-sch., Sulphur, La.

Teach. agr. and sci., Dodson Agrl. High-Sch., 1915-7; teach. sci. and agr., Sulphur Agrl. High-Sch., 1917-9; present position, 1919-. —*b.* Splunge, Miss., Mar. 26, 1889; *s.* C. Z. and D. M. (Riggan) B.; reared on farm; *m.* Momie Wise, Dec. 24, 1916; *c.* Vivian. B.S., Miss. A. & M. Coll., 1915.

Byrne, William Hale, co. agrl. agt., Appomattox, Va.

Manag. stock farm, Staunton, Va., 2 yrs.; supt. Boys Ind. Home, Covington, Va., 6 mos.; present position, 1918-. 1st Lieut. Inf., U. S. Army, 1917-8. —*b.* Fairfax Co., Va., May 14, 1892; *s.* Henry Milton and Kate (Hale) B.; reared on farm; *m.* Kathleen Carlton Owen, Dec. 11, 1917; *c.* Wm. Hale Jr. B.S.A., Va. Poly. Inst., 1915.

C

Cade, Kenneth Rivers, princ. and teach. voc. agr., high-sch., Veedersburg, Ind.

Corporal U. S. Army, 1917-9. —*b.* Veedersburg, Ind., Oct. 4, 1894; *s.* David and Ora (Rivers) C.; reared on farm; *m.* Nellie Davis, Dec. 27, 1922; *c.* David Reid. B.S.A., Ohio State Univ., 1917. Kappa Sigma.

Cady, LeRoy, assoc. prof. hort., Univ. Minn., University Farm, St. Paul, Minn.; Jan. 9, 1879-Sept. 12, 1923. See Rus 1920.

Caesar, Lawson, provincial ent. and prof. econ. ent., Ont. Agr. Coll., Guelph, Ont.

Teach. classics and hist., high-sch., Kemptville, Ont., 3 yrs.; Port Hope, 5 yrs. Pres. Ent. Soc. Ont., 1918-9. Fellow Ent. Soc. Amer., Amer. Assoc. Econ. Ent. —*b.* Peel Co., Ont.; reared on farm; *m.* Mary E. Manson. B.A., B.S.A., Univ. Toronto.

Caffrey, Donald John, sci. asst., U. S. Bur. Ent., 10 Court St., Arlington, Mass.

In chg. gypsy and brown-tail moth work in Conn., 1910-3; New Mexico range caterpillar, alfalfa-seed chalcid in N. Mex. and Ariz., U. S. Bur. Ent., 1913-7; chg. wireworm invests, Hagerstown, Md., 1917-8; chg. European cornborer invest., 1918-. —*b.* Brooklyn, N. Y., Nov. 17, 1886; *s.* John F. and Mary A. (Treacy) C.; reared on farm; *m.* Lois Relief Hersey, Mar. 23, 1918. B.Sc., Mass. Agr. Coll., 1909.

Caine, Alfred Ballif, assoc. prof. an. husb. and chief in horse invests., Ia. State Coll., Ames, Ia.

Asst. prof. an. husb., Ia. State Coll., 1917-9; assoc. prof., 1919-. Field rep. Ia. Draft Horse Breeders Assoc. —*b.* Logan City, Utah, Sept. 13, 1891; *s.* John T. and Kinnie (Ballif) C.; reared in city; *m.* Anna K. Taylor, Aug. 21, 1918; *c.* Richard Taylor, Barbara Anne. B.S., Utah Agr. Coll., 1914; M.S., Ia. State Coll., 1917. Phi Delta Theta; Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

Caine, George B., prof. dairying in chg. dept., Utah Agr. Coll., Logan, Utah.

Sec.-treas. State Dairymens Assoc. —*b.* Logan, Utah, Sept. 16, 1889; *s.* John T. Jr. and Katinka (Balliff) C.; reared on farm and in small city; *m.* Marie Eccles; *c.* one. B.S.A., Utah

Agr. Coll., 1912; M.A., Univ. Mo., 1914. Alpha Zeta; Phi Kappa Iota; Gamma Sigma Delta.

Caine, John Thomas III, head Packers and Stockyards Adminis., U. S. Dept. Agr., Washington, D. C.

Asst. prof. an. husb., Utah Agr. Coll., 1906-8; formerly prof. an. husb. and dir. ext. div., chg. ext. work in an. husb. in western states, Bur. An. Ind. and States Relations Serv., Dept. Agr., 1918-9. Mem. State Bd. Horse Comnrs., 1909-12; dir. live-stock, Utah Expos. Comn., Panama-Pacific; vice-pres. Utah Live-stock Breeders Assoc. Asst. dir. institute work, Utah, 1913. Spent 4 months in live-stock study in Europe. —*b.* Logan, Utah, June 4, 1882; *s.* John T. Jr., and Katinka (Balliff) C.; reared in town and on farm; *m.* Jean Crookston, July 10, 1912; *c.* Margaret Jean, John Thomas. B.S., Utah Agr. Coll., 1903; M.S.A., Ia. State Coll., 1905.

Caldwell, Clinton Coppage, co. club agt., Dayton, O.

Princ. high-sch., N. C. and S. C., 1906-8; prof. agr. and sch. gard., Radford State Normal, Va., 1909-11; clerk, U. S. Dept. Agr., 1911-2; supt. schs., Pochahontas, Va., 1914-7; asst. statistician, Bur. Railway Econ., Washington, 1915; formerly co. agrl. agt., Ripley, W. Va. (Agrl. econ. and educ.). —*b.* Craig Co., Va., June 6, 1884; *s.* O. F. W. C. and Sallie (Albert) C.; reared on farm; *m.* Helen Hubbert, Sept. 2, 1917. A.B., Roanoke Coll., 1905; A.M., Johns Hopkins Univ., 1914.

Caldwell, James Richard, teach. agr., high-sch., Marksville, La.

Instr. agron., La. State Univ., summer 1920; present position, 1920-. —*b.* Lake Village, Ark., Jan. 18, 1898; *s.* Thompson W. and Alice (Jarbol) C.; reared on farm; *m.* Marie Trosclair, May 21, 1921. B.S., La. State Univ., 1920. Alpha Zeta.

Caldwell, Joseph Stuart, in chg. fruit and veg. utilization lab., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Prof. biol., Peabody Coll., Nashville, Tenn., 1904-11; res. asst., Desert Lab., Tucson, Ariz., June-Nov., 1911; prof. bot. and plant physiologist Exp. Sta., Ala. Poly. Inst., 1912-6; plant physiologist, Wash. Exp. Sta., 1916-7; present position, 1917-. *Auth.*: (with J. W. Ritchie) Primer of Hygiene, 1908; New Primer of Hygiene, 1920. (Phytochem., manufacture of fruit and veg. products). —*b.* Knoxville, Tenn., Oct. 31, 1878; *s.* Andrew and Lemira J. (Crawford) C.; reared on farm; *m.* Cora Ethel McCulloch, Sept. 2, 1905; *c.* Stuart Andrew. A.B., Maryville Coll., 1902; A.M., Univ. Chicago, 1904; Ph.D., 1914. Sigma Xi; Phi Kappa Phi.

Caldwell, Ralph Elmer, dir. res. and educ. dept., Blatchford Calf Meal Co., Waukegan, Ill.

Asst. an. husb., Ohio Exp. Sta., 1909-10; asst. dairy husb., 1910-1; assoc. milk production, Ind. Exp. Sta., 1911; asst. milk production, Purdue Univ., 1911-4; asst. prof., 1914-6; assoc. prof., 1916-7; prof. dairying and acting chief dept. dairy husb., 1917-8. —*b.* Garnett, Kans., Aug. 20, 1885; *s.* Jackson Nichol and Elizabeth (Kirkpatrick) C.; reared on farm; *m.* Lovina Sarah Merick, Aug. 5, 1914. B.S.A., Kans. State Agr. Coll., 1908.

Call, Leland Everett, prof. agron., Kans. State Agr. Coll., and agron., Exp. Sta., Manhattan, Kans.

Teaching fellow, Ohio State Univ., 1906-7; asst. agron., Kans. State Agr. Coll., 1907-8; asst. prof., 1908-11; assoc. prof., 1911-3; prof., 1913-. Superv. crop instr., Univ. of A. E. F., France, 1919. *Auth.*: (with Schafer) A Laboratory Manual in Agriculture, 1913; Agriculture for the Kansas Common Schools, 1914 (with Kent). —*b.* Darrowville, O., Feb. 9, 1881; *s.* Chas. A. and Olive (Prior) C.; reared on farm; *m.* Clara Willis, 1910; *c.* Marjorie. B.S.A., Ohio State Univ., 1906; M.S.A., 1912. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Callander, William Forrest, sr. statistician in chg. Div. Crop and Live Stock Estimates and chm. Crop Reporting Bd., U. S. Dept. Agr., Washington, D. C.

Clerk Allis-Chalmers Co. and private sec. to Chief Bur. Plant Ind., 8 yrs.; private sec., asst. Sec. Agr., 1 yr.; private sec. to D. F. Houston, Sec. Agr., 2 yrs.; field statistician, U. S. Dept. Agr., 6 yrs.; present position, 1922-. (Agrl. statistics). —*b.* N. Gower, Ont., June 14, 1880 (naturalized 1903); *s.* Alexander Stirling and Mary J. (Trimble) C.; reared on farm; *m.* Edith Wright, Dec. 9, 1903; *c.* Ronald C., Chas. S., Mary H. LL.B., Georgetown Univ., 1912; special student, Univ. Wis., 1915, Geo. Washington Univ., 1923-4.

Callaway, Lessie Hurst, home dem. agt., Clarkesville, Ga.

Teach. high-sch., Waynesboro, Ga., 1897; Tifton, 1898-9; Norman Inst., 1900; farmer, 1915-20. —*b.* Waynesboro, Ga., Sept. 24, 1877; *d.* Chas. W. and Martha (Chandler) Hurst; reared in town; *m.* Wm. R. Callaway, Nov. 12, 1901 (d. 1915); *c.* Leslie D., Chas. H., Lucy Ellen, Wm. R. A.B., S. F. Cox Coll., La Grange, Ga., 1895.

Calloway, Clinton Joseph, dir. ext. dept., Tuskegee Inst., Ala.

Special asst. to Geo. W. Carver, Tuskegee Inst., 1901-3; conference agt., 1903-4; rural sch. agt., 1904-24; dir. ext. dept., 1907-. *Ed.,* The Messenger, 5 yrs. (Rural educ.). —*b.* Cleveland, Tenn., Apr. 18, 1869; *s.* Geo. W. and Elizabeth (Grant) C. (col.); reared on farm and in town; *m.* Josephine S. Schooler, Mar. 12, 1901. A.B., Fisk Univ., Nashville, Tenn., 1895.

Calnan, T. X., co. agrl. agt., Valley City, N. D.

b. Manawa, Wis., Mar. 11, 1887; *s.* Thos. and Mary (Flanagan) C.; reared on farm; *m.* Clara Smith, Oct. 18, 1916; *c.* Mary. B.S., N. D. Agr. Coll., 1913. Alpha Zeta.

Calrow, Paul, state superv. agrl. educ., State Dept. Educ., State Capitol, St. Paul, Minn.

Teach. agr., high-sch., Washburn, Wis., 1915-6; Sherburn, Minn., 1916-8; Fairmont, 1918-21; present position, 1921-. —*b.* Chicago, Ill., Apr. 30, 1891; *s.* John Glover and Lorette (Manchester) C.; reared in town; *m.* Ellen Jean Fry, Dec. 28, 1915; *c.* Robt. Fry, Bryant Wm., Paul Emerson. B.S., Mich. Agr. Coll., 1914. Phi Delta Kappa.

Calvert, William Cecil, truck crop specialist, Ia. State Coll., Ames, Ia.

Instr. hort., Kans. State Agr. Coll., 1916-7; co. agrl. agt., Marshall Co., Kans., 1917-8; Kimball, Neb., 1918-22; asst. truck crops, Ia. State Coll., 1922-4; truck crop specialist, 1924-. —*b.* Greeley, Kans., Aug. 16, 1892; *s.* Thos. and Mary (Updyke) C.; reared on farm; *m.* Esther Peck, June 25, 1917 (deceased); *c.* Virginia Esther. B.S., Kans. State Agr. Coll., 1916; M.S., Ia. State Coll. Acacia.

Calvin, Otis Waldo, teach. voc. agr., high-sch., Martinsville, Ind.

Teach., Philippines, 1908-12; Matthews, Ind., 1912-21; Martinsville, 1921-. (Hort., poultry). —*b.* Nashville, Ind., Nov. 5, 1882; *s.* T. D. and Malinda (Ferguson) C.; reared in town; *m.* Mary E. Mac Kenzie, May 26, 1908; *c.* Alex Edwin, Kenneth Otis, Robt. Glen. Student Ind. Univ.

Camburn, Osman Myron, dir. Div. Dairying and An. Husb., Mass. Dept. Agr., State House, Boston, Mass.

With Dairy Div., U. S. Dept. Agr., 1915-7; Vt. Dept. Agr., 1918; dairy specialist, Univ. Vt., 1918-20; present position, 1920-. —*b.* Cedar Rapids, Ia., Mar 17, 1885; *s.* Myron and Anna M. (Dorwart) C.; reared on farm; *m.* Ethel A. Robbins, May 1, 1916. B.S., Ia. State Coll., 1915. Gamma Sigma Delta.

Cameron, Neil, Minister of Agr., Basswood, Man.

Homesteader, Carlyle, 1882-6; farmer and rancher, Basswood, 1889-; manag. and organizer Neil Cameron Elevator Co., 2 yrs.; present position, 1922-. —*b.* Owen Sound, Ont., Sept. 1, 1864; *s.* Alexander and Mary (McLean) C.; reared on farm; *m.* Mary Kippen, July 1889; *c.* Jennie, Isabella, Nellie, Mary Kippen, Edith, Marjorie, Nelson.

Cameron, Ray Edison, teach. agr., high-sch., Big Sandy, Mont.

Present position, 1922-. Private U. S. Marine Corps, World War.

(Marketing live-stock). —*b.* Miles City, Mont., Dec. 21, 1896; *s.* Walter A. and Ella F. (Sweeney) C.; reared on farm and in town. B.S., Mont. State Coll., 1922. Sigma Alpha Epsilon.

Cammack, James Edward, teach. voc. agr., high-sch., Marion, La.

Princ. Benton High-Sch., 1917-8. Private U. S. Army, 1918-9. —*b.* Tooleys, La., Nov. 21, 1889; *s.* Edward and Frances C.; reared on farm. B.S., La. State Univ.

Camp, William Roswell, assoc. prof. rural institutions, Univ. Calif., Berkeley, Calif.

Asst. econ., Univ. Mo., 1911-2; prof. econ., Lombard Coll., Galesburg, Ill., 1912-3; prof. agrl. econ., N. C. A. & M. Coll., 1913-9; chief State Div. Markets and Rural Coop., state supt. Credit Unions, N. C. and field agt. marketing, U. S. Bur. Markets, to 1919; present position, 1919-; acting state warehouse supt., 1919. Chm. Marketing Com., Southern Conference for Educ. and Industry, 1916; sec. Nat. Assoc. of Marketing Officials, 1916-7; state del. to Third Nat. Conference on Marketing and Farm Credits, 1915-6; mem. exec. council, Nat. Assoc. for Agrl. Legislation. *Ed.*, Farmers Market Bulletins. —*b.* Clarksville, O., June 18, 1873; *s.* Ransom H. and Rhoda (Hardy) C.; reared in country and small city. A.B., Stanford Univ., 1909; Ph.D., Univ. Mo., 1918.

Camp, Wofford Benjamin, agron. and supt. U. S. Agr. Exp. Farm, Shafter, Calif.

In chg. coop. testing of field crops for U. S. Dept. Agr., S. C., 1916-7; in chg. adaptation exps. in cult. and breeding of cotton, 1917-; chg. Exp. Farm, Shafter, Calif., 1922-. Dir. Kern Co. Farm Bur., 2 yrs. —*b.* Gaffney, S. C., Mar. 14, 1894; *s.* John Clayton and Mary Jane (Atkins) C.; reared on farm; *m.* Georgia Anna App, Dec. 14, 1921; *c.* Wofford B. Jr. B.S., Clemson Agr. Coll., 1916.

Campbell, Carlos E., instr. agr. and supt. schs., Morton, Ill.

Teach. voc. agr., high-sch., Roanoke, Ill., 1920-4; present position, 1924-. Served in U. S. Army, 1917-9. —*b.* White Hall, Ill., June 1, 1896; *s.* Frank and Mabel (Otey) C.; reared on farm; *m.* Eleanor Randolph Koon, Dec. 28, 1921; *c.* Beverly Lansing. B.S., Univ. Ill.

Campbell, Carlyle, teach. voc. agr., high-sch., Barnum, Minn.

Butter and ice-cream maker, Ia. and Neb., 5 yrs.; teach. agr. Pine City, Minn., 1914-5; Howard Lake, 1917-9; farm manag., Rochester, 1920-2; teach. agr. Barnum, Minn., 1915-7 and 1922-. —*b.* Clinton Co., Ia., Jan. 25, 1887; *s.* J. Eric and Eva M. (Hall) C.; reared on farm; *m.* Sarah J. Elkins, Aug. 30, 1913; *c.* Victorene Wanda, Betty Mae, Richard Carlyle, Edith Fauneil. B.S., Ia. State Coll., 1911.

Campbell, Cecil Wood, co. agrl. agt., Bowling Green, Mo.

b. Odessa, Mo., Sept. 1, 1901; *s.* Thomas Lee and Sallie Josephine C.; reared on farm. B.S.A., Univ. Mo., 1923. Delta Tau Delta; Kappa Beta Phi.

Campbell, Clyde Burdette, teach. agr., high-sch., Durand, Wis.

Teach. agr., high-sch., Deer River, Minn., 1913-6; farmer, Park Rapids, 1916-8; co. agt., Park Rapids, Minn., 1918-9; Little Falls, 1919-23; present position, 1924-. —*b.* Park Rapids, Minn., July 30, 1887; *s.* Frank J. and Minnie (Brink) C.; reared on farm; *m.* Annie Imogene Miller, Mar. 21, 1916; *c.* June, Harriet, Betty, Donna. B.S., Ia. State Coll., 1913.

Campbell, Frank C., instr. agr., high-sch., Grafton, N. D.

Teach. agr., high-sch., Olivia, Minn., 1921-2; Little Falls, 1922-3; Grafton, N. D., 1923-. Sec. Holstein Friesian Assoc. of Walsh, Pembina and Cavalier Co., N. D. Ambulance driver, France, 1917-9. —*b.* Park Rapids, Minn., Sept. 4, 1894; *s.* Frank J. and Minnie T. (Brink) C.; reared on farm; *m.* Gayl Cooper, Aug. 14, 1924. B.S., Univ. Minn., 1921.

Campbell, George R., dairy manufacturing specialist, U. S. Dept. Agr., Washington, D. C.

In private dairying business, 1912-8; present position, 1918-. (Creamery manag.). —*b.* Mo., Aug. 17, 1891; *s.* Fred B. and Isabelle (Rigg) C.; reared on farm; *m.* June 16, 1920; *c.* Ruth, Joanna. B.S.A., Kans. State Agr. Coll., 1916.

Campbell, Hardy W., farm adv., Southern Pacific Ry., San Francisco, Calif.

Farm adv., Chicago, Burlington and Quincy Ry., 20 yrs. *Auth.*: Campbell's Soil Culture Manual, 1902, rev. 1907; Campbell's Progressive Agriculture, 1916. *Ed.*, Western Soil Culture, 1895-9; Campbell's Scientific Farmer, 1906-12. —*b.* Montgomery Center, Vt., July 21, 1850; *s.* John and Mary M. (Hopkins) C.; reared on farm; *m.* Frances Farnsworth, Oct. 10, 1873; 2d, Annetta Wilkinson, Dec. 1, 1884; 3d, Elizabeth M. Turney, Dec. 12, 1902; *c.* Marian A., Willard H., Lottie M., Mattie A., Arthur W., Mary M., Faith A., Fern H.

Campbell, James Philander, dir. ext. serv., Univ. Ga., Athens, Ga.

Instr. sch. gardens, Practice Sch., Ga. State Normal, 1905-6; farm dem. and field agt., U. S. Dept. Agr., 1907-10; supt. rural sch. ext., Univ. Ga., 1910-. *Ed.*, Farmers' Union News, Agrl. Dept., 1907-10. —*b.* Paulding Co., Ga., Mar. 2, 1878; *s.* Daniel F. and Sarah Elizabeth (McBrayer) C.; reared on farm; *m.* Loraine Montez Proctor, Jan. 1, 1907; *c.* Frances Elizabeth, Virginia, Proctor, Montez. B.S.A., Univ. Ga., 1915.

Campbell, Jesse Lee, superv. practice teach. in voc. agr., Univ. Mo., Columbia, Mo.

Pres. Mo. Voc. Teach. Assoc. Served in Naval Aviation, World War. —*b.* Odessa, Mo., Feb. 22, 1896; *s.* Tom L. and Sallie Josephine (Wood) C.; reared on farm; *m.* Marie Moore, Aug. 25, 1921; *c.* Frederick Lee. B.S.A., Univ. Mo., 1918. Delta Tau Delta.

Campbell, John Joseph, rancher, Nelson, B.C.

Mem. B. C. Bd. of Hort.; mem. Royal Comn. on Agr., B. C. Pres. Willow Point Fruit Growers Assoc.; chm. organization com., mem. adv. com. Associated Growers of B. C.; managing dir. Nelson Sub Central Associated Growers of B. C. —*b.* Baddeck, N. S., Aug. 9, 1859; *s.* Chas. J. and Eliza (Ingraham) C.; reared in village; *m.* Eva De Lisle Greenwood, Mar. 19, 1883; *c.* Helen, Ian, Winifred. Student Dalhousie Coll.

Campbell, Percy Anderson, vice-pres. Wawa Dairy Farms, Wawa, Pa.

Instr., Univ. Me., 1905, 1906-7; prof. an. ind., 1907-13; manag. Balsam Stock Farm, Dixville Notch, N. H., 1913-8; general manag. Ayredale Stock Farm and Hillside Dairy, Bangor, Me., 1918-9; dairy specialist, Conn. Agr. Coll., 1919-22; present position, 1922-. —*b.* Litchfield, N. H., Jan. 30, 1880; *s.* Matthew M. and Mary J. (Anderson) C.; reared on farm; *m.* Ada W. Mosher, Aug. 14, 1907; *c.* Robt. Mosher. B.S., N. H. Coll., 1904; M.S.A., Ia. State Coll., 1906. Kappa Sigma; Alpha Zeta; Phi Kappa Phi.

Campbell, Roy Elliott, assoc. ent., U. S. Dept. Agr., Box 297, Alhambra, Calif.

Asst. ent., Univ. Calif., 1913-4; sci. asst., U. S. Bur. Ent., 1914-20; asst. ent., 1921-3; assoc. ent., 1924-. (Truck-crop insects). —*b.* Orange, Calif., Mar. 31, 1890; *s.* D. F. and Julia (Shaw) C.; reared on farm; *m.* Marie Gitchell, Mar. 19, 1914. B.S., Univ. Calif., 1913. Phi Sigma Kappa; Alpha Zeta.

Campbell, Thomas Monroe, U. S. field agrl. agt., Tuskegee Inst., Ala.

b. Bowman, Ga., Feb. 11, 1883; *s.* Wm. and Susan (Thornton) C. (col.); reared on farm; *m.* Anna Marie Ayers, June 1, 1911; *c.* Thos. M. Jr., Geo. Carver, Emily Virginia, Wm. Ayes, Abbie Noel, Rosa Elizabeth. Grad. Tuskegee Inst.

Campbell, Walter Jenkins, dir. co. work course, Intern. Y. M. C. A. Coll., Springfield, Mass.

Organizer and pastor Suffern Presbyterian Church, New York City, 1902-6; state sec. for co. work, N. Y., 1906-11; Pa., 1911-4; present position, 1914-. Mem. Church and Country Life Comn.,

Fed. Council of Churches of Christ in Amer.; vice-pres. Intern. Assoc. Agrl. Missions, 1923; mem. exec. com., Amer. Country Life Assoc., 1920-; rural ext. sec. League to Enforce Peace, 1919; pres. Collegiate Country Life Club of Amer., 1923-; chm. com. agr., Kiwanis Intern., 1924-. *Auth.*: Vital Problems in Rural Leadership, 1915. Reviewer of rural literature for Association Seminar and Rural Manhood. (Rural leadership, training). —*b.* London, Ont., Aug. 20, 1876 (naturalized as minor); *s.* Archibald and Mary (Melville) C.; reared on farm; *m.* Anna C. Cramer, Sept. 4, 1907; *c.* Anna Jocelyn, Jean Currie, Elizabeth Mary. A.B., Princeton Univ., 1899; A.M., 1901; Princeton Theol. Sem., 1902.

Campbell, William Henry, farmer, co. agrl. agt., Stockville, Neb.

Chm. educ. com., Nat. Farmers Union, 1916-8; mem. rural educ. com., Farmers Nat. Congress; sec. Neb. Rural Sch. Patrons Assoc. —*b.* Carter Co., Ky., July 21, 1862; *s.* J. A. and Elizabeth (Offill) C.; reared on farm; *m.* Lillian Hurd, Nov. 28, 1889; *c.* May J., Ellsworth, Harry C., Glenn A, Merton, Lawrence, Alice.

Canada, John William, ed. and pub., Houston, Tex.

Newspaper work to 1905; special correspondent, Tex., 1905-11; founder, ed. and pub. Southland Farmer, 1911-. Sec.-treas. Pasadena Nat. Farm Loan Assoc.; organizer and manag. Houston Agrl. Credit Corp. —*b.* Summerfield, N. C., Dec. 14, 1871; *s.* Wm. and Elizabeth (Strader) C.; *m.* Verona Keener, Jan. 13, 1910. A.B., Univ. N. C., 1896. Phi Beta Kappa.

Cance, Alexander Edmond, prof. agrl. econ., Mass. Agr. Coll., Amherst, Mass.

Prof. Greek and literature, Avalon Coll., 1897-9; princ. Ashville Ind. Sch., 1901-4; superv. practice, First Pa. State Normal Sch., 1904-5; fellow econ., Univ. Wis., 1906-8; instr. agrl. econ., Mass. Agr. Coll., 1908-10; asst. prof., 1910-2; assoc. prof., 1912-5; prof., 1915-. Mem. U. S. Comn. to study agrl. credit and coop. in Europe; del. Nat. Conference on Marketing and Farm Credits; special agt., Mass. Agrl. Development Com.; pres. Amer. Assoc. Agr. Econ., 1917. *Auth.*: Recent Immigrants in Agriculture, 1911 (2 vols. for U. S. Immigration Comn.); Farmers' Cooperative Exchange, 1914; Farmers' Cooperative Corporations, 1916; The Agricultural Industry and Resources of the United States, 1917, 3d ed. —*b.* Ettrick, Wis.; *s.* Alexander and Agnes (Edmond) C.; reared on farm. B.A., Macalester Coll., 1896; M.A., Univ. Wis., 1906; Ph.D., 1908. Phi Kappa Phi.

Cannon, Louis Babb, manag. Calhoun Coop. Creamery, Anniston, Ala.

Manag. Talladega Creamery, 1917; asst. prof. dairying, Clemson Agr. Coll., 1919-20; manag. Dairymen's Milk Products Co., Anniston, Ala., 1920-4; present position, 1924-. Capt. U. S. Inf., served in France. —*b.* Laurence Co., S. C., Sept. 6, 1893; *s.* Oscar Fletcher and Martha Jane (Babb) C.; reared on farm. B.S., Clemson Agr. Coll., 1916.

Capper, Arthur, senator and publisher, Topeka, Kans.

Governor of Kans., 1915-9; U. S. Senator, 1919-; mem. Senate Com. on Agr.; chm. Farm Bloc. Pres. Bd. Regents, Kans. State Agr. Coll. Pres. Intern. Farm Congress. Pub. Capper Farmer, Capper Weekly, Kansas Farmer, Mail and Breeze, etc. —*b.* Garnett, Kans., July 14, 1865; *s.* Herbert and Isabella (McGrew) C.; reared on farm; *m.* Florence Crawford, Dec. 1, 1892.

Carberry, James Lewis, agron., Clemson Agr. Coll. and U. S. Dept. Agr., 198 S. Fairview Ave., Spartanburg, S. C.

Teach. gard. and civics, ind. communities, 1910-8; teach. agr., Winthrop Normal & Ind. Coll., 1913-4; agrl. agt. Beaufort Co., 1914-6; co. agt. and sec. Chamber of Commerce, Union, 1916-20. —*b.* D. C., Feb. 17, 1868; *s.* Jas. L. and Eliza A. (Reid) C.; reared on farm; *m.* Lizzie F. King, Oct. 18, 1891; *c.* Jas. Jr., Nellie, Elise.

Card, Carl G., prof. poultry husb., Mich. State Coll., E. Lansing, Mich.

Supt. schs., Barryton, Mich., 1914-8; co. supt. schs., Mecosta Co., Mich., 1918-

20; present position, 1920-. Chm. rural educ. sect., Mich. State Teach. Assoc., 1921. —*b.* Hillsdale, Mich., Feb. 8, 1892; *s.* Potter G. and Rettie (Snyder) C.; reared on farm; *m.* Madeline Glebe, Aug. 12, 1914; *c.* Geo. Dick, Warren J. A.B., W. State Normal Sch., 1913; B.S., Mich. Agr. Coll., 1923.

Card, Fred Wallace, farmer, Sylvania, Pa.

Assoc. prof. hort., Univ. Neb., 1893-8; prof. hort. and agr., R. I. State Coll., 1898-1907; farmer, 1907-. *Auth.*: Bush-Fruits, 1898, rev. 1925; Farm Management, 1907. (Hardy ornamentals). —*b.* Sylvania, Pa., Feb. 17, 1863; *s.* Thos. M. and Hannah L. (Baker) C.; reared on farm; *m.* Addie May Williams, Sept. 10, 1884; 2d, Maude Irene Clements, Apr. 26, 1907; *c.* Leslie E., Wendell T., Dana G. B.S.A., Cornell Univ., 1892; M.S.A., 1893. Sigma Xi.

Card, Leslie Ellsworth, prof. poultry husb., Univ. Ill., Urbana, Ill.

Asst. poultry husb., Conn. Agr. Exp. Sta., Storrs, 1914-9; instr., Cornell Univ., 1919-22; present position, 1922-. *Ed.*, Poultry Science, 1922-. —*b.* Sylvania, Pa., Aug. 10, 1893; *s.* Fred Wallace and Addie May (Williams) C.; reared on farm; *m.* Eva Louise Garnsey, Feb. 17, 1916; *c.* Mary Elizabeth, Helen Louise. B.S., Cornell Univ., 1914; Ph.D., 1922. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Card, Wetherell Henry, poultry farmer, Manchester, Conn.; Jan. 9, 1860-Sept. 7, 1923. See Rus 1920.

Cardiff, Ira D., manag. Washington Dehydrated Food Co., Yakima, Wash.

Teach. and princ. public schs., Ill., 1897-1901; asst. bot., Columbia Univ., 1904-6; asst. prof., 1906-7; prof. bot., Univ. Utah, 1907-8; prof. bot., Washburn Coll., Topeka, Kans., 1908-12; prof. plant physiol. and bact., Wash. State Coll., 1912-3; dir. Exp. Sta. and head dept. bot., Wash. State Coll., 1913-7; present position, 1917-. Dir. Washburn Summer Sch., 1909-12; prof. bot., Univ. Kans. Summer Sch., 1911-2. Fellow A. A. A. S. Pres. Utah Acad. Sci., 1908. Mem. Wash. State Bd. Agr. Served Spanish-Amer. War. —*b.* Stark Co., Ill., June 20, 1873; *s.* E. A. and Latrobe R. (Sellon) C.; reared on farm; *m.* Myrtle Sherman, Aug. 14, 1902; *c.* Edward S. B.S., Knox Coll., 1897; Ph.D., Columbia Univ., 1906; 2½ yrs. grad. work, Univ. Chicago.

Cardinell, Horace Albert, ext. pom., Mich. State Coll., E. Lansing, Mich.

Practical orcharding, 1907-16; pom. for Brazilian govt., 1917-8; ext. hort., Univ. Mo., 1919-22; present position, 1923-. —*b.* Portland, Ore., Aug. 5, 1891; *s.* Chas. B. and Laura (Butterfield) C.; reared in city; *m.* Norma Waddell, Aug. 15, 1917. B.S.A., Ore. Agr. Coll., 1915. Sigma Alpha Epsilon.

Cardozo, Francis Henry, dir. dept. agr. and state teacher trainer, Ga. Normal and Agrl. Sch., Albany, Ga.

Teach. hort., Tuskegee Inst., 1901-3, 1905-7; teach. dairy ind., Ga. Ind. Coll., winter, 1902; prof. and dir. agr., Fla. State A. & M. Coll., 1907-17; asst. dir. agrl. dept., Tuskegee Inst., 1917-8; dir., 1918-9; present position, 1919-. Traveled in England. —*b.* Topeka, Kans., Mar. 22, 1880; *s.* Isaac N. and Elizabeth (Williamson) C. (col.); reared in town and on farm; *m.* Flora L. Garbon, June 27, 1906; *c.* Dorothy, Inez. Grad. Tuskegee Inst., 1901; student Cornell Univ., 1903-5; Oxford Univ., summer 1909.

Carey, Robert, ranchman and farmer, Careyhurst, Wyo.

Pres. J. M. Carey & Bros., Inc.; pres. Wheatland Ind. Co.; pres. Wyo. Development Co.; pres. Converse Co. Bank, Douglas, Wyo. Chm. Wyo. State Highway Comn., 1916-8; Governor of Wyo., 1918-23; chm. State Council Nat. Defense. Pres. Wyo. Stock Growers Assoc., 1912-5. —*b.* Cheyenne, Wyo., Aug. 12, 1878; *s.* Joseph M. and Louisa (David) C.; reared in town and on farm; *m.* Julia Freeman, Sept. 5, 1904; *c.* Sarah Darlington, Joseph Maull. B.A., Yale Univ., 1900.

Carhart, Arthur H., lands. arch., 900 Exchange Bldg., Denver, Colo.

With O. C. Simonds, Chicago, 1917; recreation engin., U. S. For. Serv., 1919-

22. Mem. Amer. Soc. Lands. Arch.; sr. fellow Amer. Inst. Park Executives. Served in Sanitary Corps, U. S. Army. *Assoc. ed.*, American Forestry, 1920-1. —*b.* Mapleton, Ia., Sept. 18, 1892; *s.* Geo. W. and Ella L. (Hawthorne) C.; reared in town and on farm; *m.* Vera A. Van Sickle, Aug. 16, 1918. B.S., Ia. State Coll., 1916. Gamma Sigma Delta.

Carl, Leslie M., live-stock statistician, U. S. Dept. Agr., 2313 Beaver Ave., Des Moines, Ia.

Teach. agr. and sci., high-schs., Minn., 1914-6. Served in World War. —*b.* Lone Tree, Ia., Mar. 18, 1889; *s.* J. M. and Dora (Hamilton) C.; reared on farm; *m.* Theodora Netherton, June, 1920. B.S., Ia. State Coll., 1914; M.S.A., 1922. Alpha Zeta.

Carleton, Mark Alfred, agrst., Washington, D. C.; Mar. 7, 1866—Apr. 25, 1925. See Rus 1920.

Carlton, Riley Whitcomb, teach. agr. and princ. Lone Star High-Sch., Canutillo, Tex.

Teach. public schs., Red River and Bowie Cos., 1912-7. Inf., U. S. Army, 1917-9. (Hort.). —*b.* Vienna, Ill., Feb. 16, 1892; *s.* John Albert and Minty An (McDaniel) C.; reared on farm; *m.* Lucile Thelma Grissom, Feb. 8, 1920. B.S., N. Mex. A. & M. Coll., 1924.

Carlyle, William Levi, agt. and manag. for H. R. H. The Prince of Wales, on the "E. P." Ranch, Pekisko, Alta.

Instr., Ont. Agr. Coll., 1892-3; ext. lect., Univ. Minn., 1893-6; prof. an. husb., Univ. Wis., 1896-1903; prof. agr., Colo. Agr. Coll., 1903-5; dean agr., 1905-9; dean agr., dir. Exp. Sta., Univ. Ida., 1910-5; dean agr. and dir. Exp. Sta., Okla. A. & M. Coll., 1915-8. —*b.* Ont., Canada, Sept. 22, 1870 (naturalized 1904); *s.* Thos. and Nancy (Thom) C.; reared on farm; *m.* Inez M. Fairbanks, July 7, 1896; *c.* Kathlene, Theadora, Helen Fairbanks. B.S.A., Univ. Toronto (Ont. Agr. Coll.), 1892; M.S. Colo. Agr. Coll., 1905. Alpha Zeta..

Carman, Armiel, teach. voc. agr. and princ. Athens High-Sch., Lexington, Ky.

Asst. chem., Dept. Feed Stuffs Control, Ky. Exp. Sta., 1914-6; agrl. agt. Hickman Co., Ky., 1916-9; teach. voc. agr., high-sch., Mayfield, 1919-21; present position, 1921-. —*b.* Putnam Co., Tenn., Nov. 9, 1888; *s.* Martin Alexander and Frances (Welch) C.; reared on farm; *m.* Jessie Harkliss Clark, Oct. 21, 1917; *c.* Mary Clark. B.S.A., Univ. Ky., 1916; M.A., 1924. Alpha Zeta; Kappa Delta Pi.

Carmichael, Wilbur Jerome, sec. Nat. Swine Growers Assoc., 37 W. Van Buren St., Chicago, Ill.

Asst. an. husb., Univ. Ill., 1912-5; instr., 1915-7; assoc., 1917; agt. in an. husb., U. S. Dept. Agr., 1917-8; ext. an. husb., U. S. Dept. Agr., 1918-9; present position, 1919-. Manag. hog farm, Univ. Ill., 1912-8. 1st Lieut. in Mex. border service, 1916. —*b.* Rochelle, Ill., June 15, 1888; *s.* Jas. and Alma Louise (Knight) C.; reared on farm; *m.* Florence Jennie Varns, Nov. 23, 1916; *c.* Ellsworth Varns. B.S., Univ. Ill., 1913; M.S., 1916. Sigma Xi; Gamma Alpha; Alpha Zeta.

Carnes, Arvy, asst. prof. agrl. engin., Ala. Poly. Inst., Auburn, Ala.

Teach. sci., Normal Sch., Moundville, Ala., 1916; asst. agrl. agt. Geneva Co., 1917; teach. voc. agr., State Secondary Agrl. Sch., Wetumpka, 1919-22; teach.-trainer, Ala. Poly. Inst., 1923; present position, 1924-. Served in U. S. Army, 1918. —*b.* Hamilton, Ala., May 11, 1892; *s.* W. J. and Lara Elizabeth (Wiginton) C.; reared on farm; *m.* Helen Madlin Norman, July 7, 1920. B.S., Ala. Poly. Inst., 1915.

Carpenter, Carlos Clay, prof. hort., Coll. Agr., Syracuse Univ., Syracuse, N. Y.

Fruit-grower, Palisade, Colo., 1910-3; fruit insp., Fruit Growers Assoc., Palisade, summers, 1913-5; superv. agrl. educ., Walla Walla, Wash., 1914-7; St. Joseph, Mo., 1917-8; present position, 1918-. —*b.* Kalona, Ia., Oct. 17, 1885; *s.* E. A. and Tilla (Manatt) C.; reared on farm; *m.* Pearl Ebaugh, May 27, 1911; *c.* Margaret Hope, Wm. Carlos. B.S., Colo. Agr. Coll., 1914; M.S., Syracuse Univ., 1923. Sigma Xi.

Carpenter, Charles Gilbert, asst. agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Gardener and orchardist, London, O., 1914-6; instr. hort., Univ. Mo., 1916-7; asst. truck crop specialist, Bur. Crop Estimates, 1917-9; statistical clerk, 1919-23; present position, 1923-. (Sugar and sugar crops). —*b.* Mentor, O., Oct. 8, 1888; *s.* Byron P. and Clara A. (Gilbert) C.; reared on farm; *m.* Clara M. Barlow, Nov. 1, 1917; *c.* Frank G., Harriet S. B. S., Ohio State Univ., 1914.

Carpenter, Clarence Willard, assoc. path., Exp. Sta., Hawaiian Sugar Planters Assoc., Honolulu, Hawaii.

Asst. bact., Vt. Exp. Sta., 1912-3; sci. asst., Bur. Plant Ind., U. S. Dept. Agr., 1913-6; plant path., Hawaii Agr. Exp. Sta., 1916-9; present position, 1919-. —*b.* Westport, N. Y., Sept. 23, 1888; *s.* Frank H. and Flora A. (Stone) C.; reared in town. B.S., Univ. Vt., 1911; M.S., 1912.

Carpenter, Delph E., lawyer and farmer, Greeley, Colo.

Founder and vice-pres. North Side Ext. Ditch Co.; owner Carpenter Reservoir Co. and Carpenter Cattle Co.; breeder registered Shorthorn cattle (Bates or milking strain); general counsel Greeley-Poudre Irrig. Distr.; counsel in chg. Colo. defense in Wyo. vs. Colo.; counsel for Colo. canals in suit between Neb. and Colo. on S. Platte River; counsel Republican River case between Neb. and Colo.; counsel for Colo. in boundary case between N. Mex. and Colo.; adv. counsel for Colo. on La Platte and Rio Grande interstate river matters; counsel for Saguache River Water Users Assoc. on Saguache River litigation; personal counsel to pres. Colo. Stockgrowers Assoc. State senator, Colo., 1909-13; asst. attorney-general on interstate river litigation, 1918. (Irrig. and interstate water law). —*b.* Greeley, Colo., May 13, 1877; *s.* Leddy S. and Martha Allen (Bennett) C.; reared on farm and ranch; *m.* Michaela Hogarty, June 5, 1901; *c.* Michaela H., Donald A., Sarah H., Martha P. B.L., Univ. Denver, 1899. Beta Theta Phi.

Carpenter, John Wilson Jr., assoc. prof. agrl. engin., Miss. A. & M. Coll., Agricultural College, Miss.

Asst. agrl. engin., Miss. A. & M. Coll., 1914-5; ext. agrl. engin., 1915-7; agrl. agt. Washington Co., 1917-9; Tallahatchie Co., 1919-23; present position, 1923-. —*b.* Florence, Miss., Mar. 10, 1893; *s.* John Wilson and Mattie Bell (Utz) C.; reared in small town; *m.* Alice Margaret McBee, Oct. 20, 1915; *c.* John W. III. B.S. in C.E., Miss. A. & M. Coll., 1912; B.S.A., 1914.

Carpenter, Louis George, engin., 702 First Nat. Bank Bldg., Denver, Colo.

Instr. and asst. prof. math., Mich. Agr. Coll., 1881-8; prof. engin., Colo. Agr. Coll., 1888-1911; dir. Exp. Sta., 1899-1911; state engin., Colo., 1903-5; consulting engin. for Colo. making the invest. for protection in case of Kans. vs. Colo. and of Wyo. vs. Colo.; referee between Wyo. and U. S. in N. Platte River matters, 1920; referee between Colorado Springs and Electric Co. establishing electric light contracts; mem. Irrig. Comn. of B. C. preparing irrig. code. Pres. Windsor Land Co., 1908-19; dir. Tongue Creek Orchard Co.; lect., Colo. State Grange, 1903; pres. Colo. State Hist. Soc., 1916-20; chm. Engin. Group of Denver, 1916-; mem. Engin. Council; pres. Amer. Soc. Irrig. Engin. Bank dir., Ft. Collins, Colo., 1909-16; pres. Bldg. and Loan Assoc., 1899-1913. First member chosen of first State War Council in U. S. Chevalier du Merite Agricole, France, 1893; gold medal, Paris Expos. On staff, Standard Dictionary. (Irrig. and agrl. engin.). —*b.* Orion, Mich., Mar. 28, 1861; *s.* Chas. Ketcham and Jennett (Coryell) C.; reared on farm; *m.* Mary J. C. Merrill, 1887 (d. 1921); 2d Katherine Warren, 1922; *c.* Chas. Louis, Jeannette C. B.S., Mich. Agr. Coll., 1879; M.S., 1883; student Univ. Mich. and Johns Hopkins Univ. Delta Tau Delta.

Carr, Julian S., banker and farmer, Durham, N. C.; Oct. 12, 1845—Apr. 29, 1924. See Rus 1920.

Carr, Ralph Howard, prof. agrl. chem., Purdue Univ., LaFayette, Ind.

Chem. Western Electric Co., 1902-4; prof. chem., Buena Vista Coll., Ia.,

1905; prof. chem., Coll. of Emporia, Kans., 1908-11; present position, 1913-. Fellow A. A. A. S., Ind. Acad. Sci. *Auth.*: (with E. G. Mahin) Quantitative Agricultural Analysis. (Nutr.). —*b.* Wooster, O., Aug. 28, 1878; *s.* Lucius Cranmore and Sarah (Lawhead) C.; reared on farm; *m.* Myrtle Louthan, 1906; *c.* Bruce. B.S., Wooster Coll., 1900; M.S., Univ. Wis., 1910; Ph.D., 1913. Sigma Xi; Lambda Chi Alpha; Phi Lambda Upsilon.

Carr, Roswell Gilbert, asst. state leader co. agts., Mich State Coll., E. Lansing, Mich.

Teach. agr. N. Adams high-sch., Mich., 1908-10; Dillon, Mont., 1910-1; supt. Upper Peninsula Exp. Sta., Chatham, Mich., 1912-5; co. agrl. agt., Ontonagon, 1915-9; Grand Rapids, 1919-21; present position, 1921-. Vice-pres. Mich. Assoc. Co. Agrl. Agts. Co. food admins., Ontonagon, 1918. —*b.* Fowlerville, Mich., Jan. 31, 1886; *s.* O. E. and Maria Jane (Kirkland) C.; reared on farm; *m.* Edith Landon Bigelow, July 21, 1907; *c.* Betty Aileen, Bonnie Jean, Rhoda Maria, King. B.S., Mich. Agr. Coll., 1908.

Carrick, Doak Bain, prof. pom., Cornell Univ., Ithaca, N. Y.

Instr. high-sch., Burlington, N. C., 1910-1; High Point, N. C., 1911-2; princ. high-sch., High Point, 1912-3; asst. pom., Cornell Univ., 1915-7; invest. and later specialist in transportation and storage of fruits and vegetables, Bur. Markets, U. S. Dept. Agr., 1917-20; present position, 1920-. (Fruit storage and freezing of plant tissue). —*b.* Lexington, N. C., Dec. 11, 1888; *s.* Thos. and Mary (Bain) C.; reared in small town. A.B., Wake Forest Coll., N. C., 1910; Ph.D., Cornell Univ., 1917.

Carrier, Lyman, farmer, Granger, Ind.

Prof. agron., Va. Poly. Inst., 1908-14; agron., Bur. Plant Ind., U. S. Dept. Agr. 1914-24. Pres. Agrl. Hist. Soc.; formerly sec.-treas. Amer. Soc. Agron. *Auth.*: Beginnings of Agriculture in America; contr. to Book of Rural Life. (Fine turf). —*b.* Duffield, Mich., Oct. 11, 1877; *s.* Geo. Lyman and Maria (Warner) C.; reared on farm; *m.* Clara Allen Pack, June 7, 1911; *c.* Martha Waklee, Lyman Geo. B.S., Mich. Agr. Coll., 1902; M. Agr., 1913.

Carrigan, Joseph Edward, asst. co. agt. leader, Univ. Vt., Burlington, Vt.

Ext. worker, Univ. Vt., 1914-5; agt. Addison Co., Vt., 1915-7; present position, 1917-. —*b.* Pittsford, Vt., Nov. 7, 1891; *s.* Joseph B. and Marcella (Lowth) C.; reared on farm. B.S., Univ. Vt., 1914. Alpha Zeta.

Carrington, William Thomas, dir. voc. educ. and superv. training voc. teachers in Mo., Jefferson City, Mo.

Teach. and supt. city schs., 8 yrs.; princ. high-sch., 12 yrs.; state supt. public schs., 8 yrs.; pres. Mo. State Teachers Coll., 12 yrs. Pres. Mo. State Teach. Assoc.; mem. com. on agrl. teaching, Nat. Educ. Assoc.; mem. Nat. Council of Educ.; mem. State Bd. Agr. Ed. and proprietor, Mo. School Journal. —*b.* Callaway Co., Mo., Jan. 23, 1854; *s.* Wm. and Susan (Fisher) C.; reared on farm; *m.* Mary Holloway, 1879; *c.* Wm. J., Paul. A.M., McGee Coll.

Carroll, Charles, instr. agr., high-sch., Covert, Mich.

Teach. rural sch., 1903-4; princ. sch., McBride, Mich., 1912-3; in dept. Collector of Internal Revenue, Grand Rapids, 1913-7; co. agrl. boy and girl club leader, 1917-8; instr. agr., high-sch., Bangor, 1917-21; S. Haven, 1921-3; Covert, 1923-; farmer and hort., Lawrence, Mich. —*b.* Grand Rapids, Mich., Jan. 10, 1882; *s.* Thos. F. and Ella (Remington) C.; reared on farm; *m.* Helen I. Dillon, Aug. 14, 1912; *c.* Chas. D., Thos. M., Robt. J. Grad. W. State Normal Sch.; student Mich. Agr. Coll.

Carroll, Frank Arthur, manag. Pittsfield Milk Exchange, Pittsfield, Mass.

Asst. herdsman, Grassland Farms, Chapinville, Conn., 1912; Roseland Farm, Newport, R. I., 1913; superv. Coss Co., N. H., Dairy Record Assoc., 1913-4; dairy dept., N. H. A. & M. Coll., 1914-5; field agt., Dairy Div., U. S. Dept. Agr., 1916-7; co. agt., Mercer Co., N. J., 1917-9; agrl. agt. Berkshire Co., Mass., 1920-2; present position,

1922-. —*b.* Blackstone, Mass., Oct. 14, 1886; *s.* Patrick and Mary (McNally) C.; reared on farm and in town; *m.* Sara Gallagher, Aug. 28, 1919; *c.* Anne Mary. B.S., R. I. State Coll., 1913; special student Cornell Univ., 1915-6.

Carroll, Harry Benson Jr., co. agrl. agt., Federal Bldg., Bellingham, Wash.

b. Kansas City, Mo., Oct. 27, 1885; *s.* Harry Benson and Fannie (Taylor) C.; reared on farm. B.S.A., Univ. Minn., 1909. Alpha Tau Omega; Alpha Zeta.

Carroll, John Arthur, asst. dir. agrl. representatives, Dept. Agr., Parliament Bldgs., Toronto, Ont.

Agrl. rep. Peel Co., Ont., 1914-24; present position, 1924-. Served in Canadian and British Army, 1915-9. —*b.* Elgin Co., Ont., Aug. 23, 1889; *s.* Wm. and Elizabeth (Campbell) C.; reared on farm; *m.* Frances Mary Fenton, May 1921; *c.* Nancy McLean. B.S.A., Toronto, Univ., 1924.

Carroll, William Ernest, prof. an. husb. and chief in swine husb., Exp. Sta., Univ. Ill., Urbana, Ill.

Asst. prof. an. husb. and an. husb. Exp. Sta., Logan, Utah, 1911-2; assoc. prof. and asst. chm. Sch. Agr., 1912-3; prof. an. husb. and an. husb. Exp. Sta., Utah Agr. Coll., 1914-25; present position, 1925-. Mem. Utah Acad. Sci. Capt. Sanitary Corps, U. S. Army, 1918-9. (An. nutr.). —*b.* Orderville, Utah, Nov. 8, 1882; *s.* C. W. and Amelia (Snyder) C.; reared on farm; *m.* Lenore Ure, Sept. 1, 1915; *c.* 1 son, 1 daughter. B.S., Utah Agr. Coll., 1909; M.S., Univ. Ill., 1911; Ph.D., 1914. Sigma Xi; Phi Lambda Upsilon.

Carsner, Eubanks, path. sugar plant invests., U. S. Dept. Agr., Riverside, Calif.

(Diseases of truck crops and sugar-beets). —*b.* San Antonio, Tex., July 19, 1891; *s.* Chas. Ferdinand and Lucy R. (Callender) C.; reared in town. B.A., Univ. Tex., 1912; M.S., Univ. Wis., 1914; Ph.D., 1917. Sigma Xi.

Carson, Alfred Doughton, instr. voc. agr., high-sch., Thackerville, Okla.

With Tex. Agr. Exp. Sta., 1918-9; J. K. Parker plantation, 1919; Glenview Dairy, 1920; cow tester, Dallas Co., Tex., 1920-1; res. engin. Good Road Project, Coleman, Okla., 1921; asst. sec. Y. M. C. A., Tex. A. & M. Coll., 1922; res. engin. Water Works Project, Madill, Okla., 1922-3; present position, 1923-. (Agron., soils). —*b.* Bryan, Tex., Feb. 10, 1897; *s.* Alfred Burton and Maggie (Barrow) C.; reared on farm; *m.* Marie Reagan, Aug. 13, 1922. B.S., Tex. A. & M. Coll., 1918.

Carson, Virginia Eulalia, home dem. agt., Franklin, Tenn.

b. Manchester, Tenn., Nov. 16, 1895; *d.* P. K. and Molly (McBride) C.; reared in village. Student Peabody Coll.

Carson, William John, manag. Ayer & McKinney, 541 W. 22 St., New York, N. Y.

Dairy instr., Kingston Dairy Sch., 1902-4; instr., Univ. Wis., 1904-6; prof. dairy husb., Man. Agr. Coll., 1906-10; managing dir., Carson Hygienic Dairy Co., Winnipeg, 1910-5; prof. dairy husb., Rutgers Coll. and dairy husb. Exp. Sta., 1915-7; manag. Ayer & McKinney, N. Y. City, 1917-9, 1921-; gen. manag. Castles Ice Cream Co., Perth Amboy, N. J., 1919-21. Sec. Orange Co. Milk Assoc., 1921-. (Dairy manufactures). —*b.* Metcalf, Ont., Nov. 15, 1872; *s.* Wm. and Jane (Stringer) C.; reared in town and on farm; *m.* Ella J. Kennedy, Dec. 25, 1902; 2d, Edna Maud Doran, June 7, 1917. B.S.A., Ont. Agr. Coll., 1902.

Carter, Altice S., teach. voc. agr., high-sch., Richland, Ind.

b. Chandler, Ind., July 15, 1900; *s.* Sidney and Jessie (Huron) C.; reared on farm and in town. B.S.A., Purdue Univ., 1923. Kappa Delta Rho; Kappa Delta Pi.

Carter, Clarence Edgar, ext. assoc. prof. field crops, Univ. Mo., Columbia, Mo.

Instr. agr., high-sch., Liberty, Mo., 1915; agt. Obion Co., Tenn., 1916-7; Knox Co., Mo., 1917-9; present position, 1920-. —*b.* La Plata, Mo., Feb. 20,

1889; *s.* John N. and Matilda (Carnahan) C.; reared on farm; *m.* Georgia Haley, Dec. 24, 1915; *c.* Martha Jane, Geo. Edgar, John N. B.S.A., Univ. Mo., 1915.

Carter, Deane G., prof. agrl. engin., Univ. Ark., Fayetteville, Ark.

Instr., Ia. State Coll., 1916-9; assoc. prof., N. C. State Coll., 1919-20; farmer, Chester, Ia., 1920-2; present position, 1922-. *Auth.*: (with W. A. Foster) Farm Buildings, 1922. —*b.* Harrison Co., Mo., Feb. 17, 1894; *s.* L. P. and Carrie (Thaler) C.; reared on farm and in town; *m.* Gladys Garton, 1915; *c.* Lauren D., Fay Carol. B.S., Ia. State Coll., 1915. Phi Kappa Psi; Alpha Zeta; Tau Beta Pi.

Carter, Dewey J., ed. Dairymens League News, 120 W. 42nd St., New York, N. Y.

Formerly with Title Guaranty and Trust Co., N. Y.; Henderson, DuBois and Carter, Herkimer, N. Y.; editorial work with N. Y. Sun, Binghamton Press; publicity work with Amer. City Bur. Capt. Inf., Nat. Guard N. Y., 1918, U. S. Army, 1918. —*b.* Greene, N. Y., Jan., 26, 1880; *s.* Richard and Cornelia (Walker) C.; reared on farm; *m.* Nellie F. DuBois Henderson, Sept. 19, 1908; *c.* Louise Henderson, John Henderson. Ph.B., Hamilton Coll., 1904. Delta Kappa Epsilon.

Carter, Ray Horace, teach. agr., high-sch., Ft. Fairfield, Me.

b. Washburn, Me., Jan. 22, 1902; *s.* Calvin Deane and Faustina (Milward) C.; reared on farm. B.S., Univ. Me., 1924. Sigma Delta Chi.

Cartwright, William Bell, asst. ent., U. S. Dept. Agr., Box 283, Centralia, Ill.

Present position, 1917-. Served in Med. Corps, U. S. Army, 1918-9. (Cereal and forage insects). —*b.* Goodlettsville, Tenn., Sept. 19, 1894; *s.* Robt. A. and Laura (Oldham) C.; reared on farm. B.S., Vanderbilt Univ., 1917.

Carver, George Washington, dir. exp. sta., Tuskegee Inst., Tuskegee, Ala.

Mem. Royal Soc. of Arts, London, England. —*b.* Diamond, Mo.; of African descent. B.S.A., Ia. State Coll., 1894; M.S.A., 1896.

Carver, Thomas Nixon, prof. econ., Harvard Univ., Cambridge, Mass.

Assoc. prof. and prof. econ. and sociol., Oberlin Coll., 1894-1900; assoc. prof. econ., Harvard Univ., 1900-2; prof., 1902-. Dir. Rural Organization Serv., U. S. Dept. Agr., 1913-4; adv. in agrl. econ., U. S. Dept. Agr., 1914-5. —*b.* Kirkville, Ia., Mar. 25, 1865; *s.* John Henry and Margaret Jane (Bartow) C.; reared on farm; *m.* Flora Frazee Kirkendall, May 4, 1888; *c.* Helen G., Emmett K., Margaret J. A.B., Univ. S. Calif., 1891; Ph.D., Cornell Univ., 1894; LL.D., Oberlin Coll., 1905. Phi Delta Theta.

Carvin, Florence, home dem. agt., Independence, Mo.

b. Clearwater, Kans., Jan. 28, 1887; *d.* Merritt A. and Agnes (Ross) C.; reared in town. A.B., Fairmount Coll., 1908; B.S., Kans. State Agr. Coll., 1913. Kappa Kappa Gamma.

Carwile, Addison Brooks, prof. sci. and agr. and supt. high-sch., Antreville, S. C.

Asst. supt., Church Home Orphanage, York, S. C., 1916-7; agrl. agt. Union Co., S. C., 1917-8; Edgefield Co., 1919-21; McCormick Co., 1921-2; agrst., De la Howe State Sch., Willington, 1923-4; present position, 1924-. —*b.* near Abbeville, S. C., Oct. 13, 1896; *s.* Preston Brooks and Leila (Kay) C.; *m.* Alice Callahan, 1918; *c.* Frances, Dorothy. B.S., Clemson Agr. Coll., 1916.

Cary, Charles Allen, dean Coll. Vet. Med. and state vet., Ala. Poly. Inst., Auburn, Ala.

Prof. vet. sci., S. D. State Coll. and dean Coll. Vet. Med., 1889-91; present position, 1892-. Pres. Amer. Vet. Med. Assoc., 1920; pres. Ala. Livestock Assoc., 25 yrs.; dir. farmers' summer sch., 23 yrs., Ala. Poly. Inst. —*b.* Ia., Nov. 27, 1861; *s.* Wm. and Lucy Ellen (Ohara) C.; reared on farm and in town; *m.* Emma Heck, Nov. 27, 1890; *c.* Elwyn Allen, Alice, Phoebe. B.S., Ia. State Coll., 1885; D.V.M., 1887.

Caryl, Ralph Emerson, asst. pom., U. S. Dept. Agr., Box 586, Riverside, Calif.

Served in Med. Corps, A. E. F., 1917-9. (Improvement of citrus fruits through bud selection). —*b.* Kalamazoo, Mich., May 18, 1890; *s.* Chas. Henry and Enoy Jane (Coleman) C.; reared in city and on farm; *m.* Anne Louise Porter, Aug. 16, 1924. B.S., Mich. Agr. Coll., 1914; M. Hort., 1921. Lambda Chi Alpha.

Case, Harold Clayton M., asst. prof. in chg. dept. farm organization and manag., Univ. Ill., Urbana, Ill.

Grad. asst. an. husb., Univ. Ill., 1912-3; farm manag., 2 yrs.; farm manag. dem., Univ. Ill., 1915-7; assoc. in farm organization and manag., and asst. state leader of farm adv. work, 1917-9; agrst. in chg. farm manag. dem., States Relation Serv., U. S. Dept. Agr., 1919-21; present position, 1922-. —*b.* Dunlap, Ill., Mar. 1, 1890; *s.* Chas. Milton and Eliza Ann (Cramer) C.; reared on farm; *m.* Naomi O. Newburn, Sept. 24, 1919. B.S., Univ. Ill., 1912; M.S., 1919; grad. student Univ. Wis., 1921-2. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Case, Harry Lane, co. club agt., Norwich, N. Y.

Teach rural schs., 2 yrs.; teach. voc. agrl. educ., Endicott, N. Y., 1915-20; club agt. Chenango Co., 1920-. —*b.* Easton, N. Y., Aug. 25, 1892; *s.* Chas. H. and Alma J. C.; reared on farm. Grad. Cortland State Normal Sch., 1915; student Cornell Univ., summer, 1918.

Case, James Royal, co. club agt., Danbury, Conn.

Instr. agr., Hampton Inst., Va., 1916; instr. hort., 1917-9; farm supt., 1919; instr. voc. training sch., Camp Eustis, Va., 1920-2; club agt. Fairfield Co., Conn., 1922-. 1st Lieut. U. S. Army, World War. —*b.* Colchester, Conn., Nov. 28, 1894; *s.* Jas. S. and Rebecca Grace (Dawley) C.; reared on farm; *m.* Bessie Hall Randall, Mar. 16, 1918; *c.* Grace Elizabeth. B.S., Conn. Agr. Coll., 1916. Phi Mu Delta.

Case, John Francis, ed. Missouri Ruralist, 2206 Pine St., St. Louis, Mo.

Pres. Mo. State Bd. Agr.; dir. agr., Mo. State Fair; mem. University Bd. of Visitors; dir. jr. club work, Capper Publications. *Auth.*: General Jimmie Rabbit, 1918; Tom of Peace Valley, 1922; Regeneration of Four Corners, 1924. —*b.* Lyon Co., Minn., Sept. 30, 1876; *s.* Orin S. and Emily Ann (Shipton) C.; reared on farm and in town; *m.* Margaret Calvert, Oct. 5, 1898; *c.* Aileen, Wilfred, Francis, Elizabeth.

Case, Riley Leander, instr. voc. agr. and princ. high-sch., Shipshewana, Ind.

b. Albany, Ore., Feb. 25, 1896; *s.* Riley C. and Mary (Eshelman) C.; reared on farm. B.S., Purdue Univ., 1918. Alpha Zeta.

Casement, Dan Dillon, live-stock farmer, Manhattan, Kans.

Owner and operator Juniata Farm, Manhattan, Kans.; Jennings Farm, Painesville, O.; Unaweep cattle range, Whitewater, Colo. Engaged in railroad construction in Costa Rica, 6 yrs. Capt. Field Art., U. S. Army, World War. —*b.* Painesville, O., July 13, 1868; *s.* John S. and Frances (Jennings) C.; reared on farm; *m.* Mary Olivia Thornburgh, Dec. 1, 1897; *c.* Mary E., Frances J., John S. A.B., Princeton Univ., 1890; M.A., Columbia Univ., 1891.

Cash, Larrie Brown, teach. agr., high-sch., Pittsburg, Tex.

b. Upshur Co., Tex., Mar. 2, 1886; *s.* C. B. and Artemis (Wofford) C.; reared on farm; *m.* Christine Benton, Oct. 4, 1909. Student Ia. State Coll., Prairie View State Coll.

Cass, Dan E., instr. voc. agr., high-sch., Gettysburg, S. D.

Teach. high-sch., Woonsocket, S. D., 1920-1; Highmore, 1921-4; Gettsburg, 1924-. Lieut. Aviation Serv., World War. (Dairy). —*b.* Rhinelander, Wis., May 31, 1895; *s.* Ira and Mary (Jacobs) C.; reared in town and country. B.S., Univ. Wis., 1920.

Cassidy, Morton Harding, asst. prof. beekeeping, Mass. Agr. Coll., Amherst, Mass.

Instr. sci., high-sch., Dover, N. H., 1921-2; New Britain, Conn., 1922-3; present position, 1923-. 2d Lieut. Air Serv., U. S. Army, 1918. —*b.* Boston, Mass., Mar. 8, 1897; *s.* A. Stewart and Harriet (Harding) C.; reared on farm and in city. B.S., Mass. Agr. Coll., 1920.

Castle, Ernest Levi, instr. voc. agr., high-sch., Red Oak, Okla.

2d Lieut. Inf., O. R. C. (Agron.). —*b.* Newkirk, Okla, Mar. 22, 1901; *s.* Jas. A. and Nellie (Winchell) C.; reared on farm. B.S., Okla. A. & M. Coll., 1924. Alpha Zeta.

Castrup, Grover Herman, co. agrl. agt., Ripley, W. Va.

Fruit-grower, Princeton, Ind., 1916-7; orchard manag., Purdue Univ. orchards, 1917-8; asst. princ. high-sch., Burns City, Ind., 1919-20; agrl. agt. Cabell Co., W. Va., 1920-1; agrl. agt. Jackson Co., W. Va. 1921-. Served in Field Art., U. S. Army, World War. (Hort.). —*b.* Duff, Ind., Jan. 28, 1893; *s.* Herman H. and Emma (Sonderman) C.; reared on farm. B.S.A., Purdue Univ., 1916. Sigma Pi.

Caswell, Oscar W., instr. voc. agr., 3rd Distr. State Agrl. Sch., Americus, Ga.

Instr. an. husb., Hampton Inst., 1906-7; farmer, Miss., 1909-15; agt. Hancock Co., Miss., 1915-Jan. 1916; agt. Suwannee Co., Fla., 1916-7; agt. Mantee Co., 1917-9; instr. voc. agr., high-sch., Donalsonville, Ga., 1919-22; present position, 1922-. —*b.* Warrick Co., Ind., Oct. 9, 1881; *s.* Christopher C. and Serilda (Caldwell) C.; reared on farm; *m.* Ada May Collins, Sept. 7, 1910; *c.* Lloyd C., Roberta Maxine, Stanley Erwin. B.S.A., Purdue Univ., 1905.

Catchings, Thomas Franklin, jr. ent., U. S. Dept. Agr., 3022 Magazine St., New Orleans, La.

With expl. dept., Niagara Sprayer Co., 1920. Served in World War, 1917-9. —*b.* Woodville, Miss., June 26, 1896; *s.* Chas. Evans and Mittie (Woods) C.; reared in town; *m.* Elise Sorter Browne, June 7, 1923; *c.* Robt. Franklin. B.S., Miss. A. & M. Coll., 1921.

Cate, Claude Clifton, co. agrl. agt., Medford, Ore.

Asst. plant path., Ore. Agr. Coll., 1907-8. —*b.* Decatur, Tex., May 5, 1882; *s.* Wm. B. and Mary A. (Bull) C.; reared on farm; *m.* Grayce May Rose, Jan. 6, 1909; *c.* Leland L., Wm. L., Claude C. Jr. B.S., Ore. Agr. Coll., 1904.

Cates, Henry Roy, supt. rain, crop, hail and frost dept., Hartford Fire Insurance Co., San Francisco, Calif.

Instr. farm crops, Cornell Univ. 1912; agron. in chg. weed invests., Bur. Plant Ind., U. S. Dept. Agr., 1917. Capt. Sanitary Corps, U.S. Army, served 9 mos. in France. —*b.* Graham, N. C., Aug. 21, 1888; *s.* Henry Manly and Mary Elizabeth (Bradshaw) C.; reared on farm. B.S., N. C. State Coll., 1911; student Cornell Univ. Alpha Zeta.

Cates, Junius Sidney, agrst., Rosslyn, Va.

On writing staff Country Gentleman, asst. in chg. sect. of weed and tillage invests., Off. Farm Manag., U. S. Dept. Agr., 1906-12; ed. Southern Planter, Richmond, Va., 1912-4; agrst., Off. Farm Manag., 1914-9. —*b.* Graham, N. C., Aug. 10, 1877; *s.* Henry Manley and Mary Elizabeth (Bradshaw) C.; reared on farm; *m.* Theodosia Dutrow, Oct. 17, 1908; *c.* Elizabeth Greenleaf. B.Agr., N. C. State Coll., 1902; M.Agr., 1904; grad. student, Cornell Univ., 1904-5; Ph.D., American Univ., 1916. Kappa Sigma; Alpha Zeta.

Cathcart, Charles S., state chem. and chief chem., N. J. Agr. Exp. Sta., New Brunswick, N. J.

b. New Brunswick, N. J., Jan. 2, 1865; *s.* Merritt G. and Gertrude B. (Ferguson) C.; reared in town; *m.* Clara E. Robinson, Sept. 1890; *c.* Helen R. B.Sc., Rutgers Coll., 1886; M.S., 1889.

Catlin, Clifford Norman, assoc. prof. agrl. chem. and agrl. chem. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Asst. chem., Ariz. Agr. Exp. Sta., 1912-9; res. specialist, 1919-20; assoc. chem. Exp. Sta. and assoc. prof. agrl. chem., Univ. Ariz., 1920-3; agrl. chem.

and assoc. prof., 1923-. (Alkali reclamation). —*b.* Nemaha, Neb., July 27, 1879; *s.* Norman B. and Mary A. (Adams) C.; reared on farm; *m.* Pearl P. Palmer, Dec. 25, 1913; *c.* Hamilton R., Mary Elizabeth. B. Ped., Neb. State Normal, 1903; A.B., Univ. Neb., 1903; A.M., 1912.

Cauthen, Edward Francis, special rep. educ. bur., Chilean Nitrate of Soda, Auburn, Ala.

Teach. sci., 6th Distr. Agr. Sch., Hamilton, Ala., 1896-1905; pres., 1901-5; agrst. 5th Distr. Agr. Sch., Wetumpka, 1906-8; chg. field expts., Ala. Agr. Exp. Sta., 1908-23; assoc. agrst., 1912-23; present position, 1923-. Originator of improved strains of cotton. —*b.* Heath Springs, S. C., Jan. 17, 1868; *s.* John Canada and Gazarine (Hammond) C.; reared on farm; *m.* Katie Garland Luttrell, Aug. 6, 1901; *c.* Rion, Katie Frances, Maryline, John Luttrell. B.S., Univ. Nashville, 1895; student Cornell Univ., 1905-6.

Cavanaugh, George Walter, prof. agrl. chem., Cornell Univ., Ithaca, N. Y.

Asst. chem., Cornell Univ. Exp. Sta., 1895-1902; asst. prof. agrl. chem., Cornell Univ., 1903-8; prof., 1908-. (Chem. milk and milk products and fertilizers). —*b.* Watertown, N. Y., Feb. 4, 1870; *s.* Jas. and Mary (Bellew) C.; reared on farm; *m.* Mary A. Fahey; *c.* Paul J., Alice M. B.S., Cornell Univ., 1896. Sigma Xi; Alpha Zeta; Alpha Chi Sigma.

Cave, Harry Winfield, assoc. prof. dairy husb., Kans. State Agr. Coll., Manhattan, Kans.

Grad. asst., Kans. State Agr. Coll., 1914-6; dairy specialist, W. Va. Univ., 1916-8; present position, 1918-. —*b.* Fayette, Ia., Apr. 30, 1890; *s.* Benj. Austin and Serena Arvilla (Cowles) C.; reared on farm; *m.* Anita Lucile Meltzer, Dec. 25, 1917. B.S.A., Ia. State Coll., 1914; M.S., Kans. State Agr. Coll., 1916. Gamma Sigma Delta; Alpha Zeta; Phi Kappa Phi; Sigma Phi Epsilon.

Cave, Roy Albert, co. agrl. agt., Medina, O.

With An. Husb. Div., U. S. Dept. Agr., 1907-10; agrl. ext. dept., Ia. State Coll., 1910-3; manag. dairy farm, S. Charleston, O., 1915-8; co. agrl. agt., Wauseon, O., 1918-24; Medina Co., 1924-. —*b.* Fayette, Ia., Mar. 17, 1882; *s.* Benj. and Arvilla (Cowles) C.; reared on farm; *m.* Mary C. Nave, May 22, 1918. B.S.A., Ia. State Coll., 1906.

Caverno, Xenophon, farmer and agrl. engin., Canalou, Mo.

Mech. engin., Union Pacific R. R., 1890-3; manag. and pres. Kewanee Light and Power Co., Kewanee, Ill., 1893-7; pres. Kewanee Printing and Pub. Co., 1907-16. Mem. exec. com., Mo. Farm Bur. Fed.; dir. Amer. Farm Bur. Fed. —*b.* Waukesha, Wis., Dec. 26, 1865; *s.* Chas. and Abbie H. (Smith) C.; reared in town; *m.* Tillie H. Bacon, 1892; 2d, Louise Lay, 1897; *c.* Dorothea Jeanette, Margaret Morrill. B.M.E., Univ. Wis., 1890.

Cavert, Walter Dudley, clergyman, Stamford, N. Y.

Prof., Charlton Ind. Farm Sch., 1911-2; dir. religious educ., Congregational Church, Williamantic, Conn.; pastor Presbyterian Church, Stamford, 1916-. Mem. N. Y. Synodical Home Missions Com. Chaplain, U. S. Army, 1918. (Rural church). —*b.* Charlton, N. Y., Jan. 19, 1891; *s.* Walter I. and Elizabeth (Brann) C.; reared on farm; *m.* Harriet M. Harrer, July 17, 1916. A.B., Union Coll., 1911; B.D., Union Theol. Sem., 1915.

Cavert, William Lane, farm manag. dem., U. S. Dept. Agr. and Univ. Minn., University Farm, St. Paul, Minn.

Instr. farm manag., Univ. Minn., 1912-4; farm manag. dem., 1914-. *Ed.* farm manag. column in Farm, Stock and Home. —*b.* Charlton, N. Y., Mar. 7, 1887; *s.* Walter I. and Elizabeth (Brann) C.; reared on farm; *m.* Mary E. Mead, Sept. 1914; *c.* Jane McCrea, Elizabeth, Henry Mead. Ph.B., Union Coll., 1910; B.S.A., Cornell Univ., 1912; M.S., Univ. Minn., 1914.

Cayer, Georges, general insp. cheese and butter factories and prof., Provincial Dairy Sch., St. Hyacinthe, Que.

b. Holyoke, Mass., Sept. 13, 1877; *s.* David and Philomine (Vautrain) C.; reared on farm and in city; *m.* Lizzie Mercure, May 3, 1910; *c.* Liliane, Therese, Roger, Lomer, Maurice, Laurier, Jeanne.

Chace, Edith Pitt, prof. and dir. home econ., Penn. State Coll., State College, Pa.

Instr. Teachers Coll., Columbia Univ., 1915-8; Penn. State Coll., 1918-. —*b.* Corry, Pa.; *d.* Edwin and Harriet Emma (Pitt) C. B.S., Columbia Univ., 1915; M.A., 1918. Phi Kappa Phi; Kappa Delta Pi; Omicron Nu.

Chace, Edward MacKay, chem. in chg. Lab. of Fruit and Veg. Chem., U. S. Dept. Agr., 148 S. Anderson St., Los Angeles, Calif.

Chem., Calumet Sugar Plantation, La., 1899-1901; chief chem., Cuban Customs Serv., 1901-2; U. S. Bur. Chem., 1902-; chief Food Div.; chief Lab. of Food Tech.; asst. chief Food Insp. Div.; chem. in chg. Citrus By-products Lab.; chem. in chg. Lab. Fruit and Veg. Chem. Assoc. referee, Assoc. of Official Agrl. Chem. Invest. production of essential oils in Italy for U. S. Dept. Agr., 1906-7. —*b.* Havana, N. Y., Nov. 15, 1874; *s.* Edward and Mary Ann (MacKay) C.; reared in city; *m.* Lillian G. Grayson, Feb. 21, 1901; *c.* Edward Grayson, Eleanor MacKay, Marian Louise. LL.B., Nat. Law Sch., 1906; LL.M., 1907.

Chamberlain, Joseph Scudder, prof. organic and agrl. chem., Mass. Agr. Coll., Amherst, Mass.

Grad. asst. chem., Ia. State Coll., 1890-2; farmer, 1892-4; instr. chem., Ia. State Coll., 1894-7; instr., Oberlin Coll., 1899-1901; with Bur. Chem., U. S. Dept. Agr., 1901-8; assoc. prof. chem., Mass. Agr. Coll., 1909-11; prof., 1911-. Chm. Wash. sect. Amer. Chem. Soc., 1908; Conn. Valley sect., 1920-2. *Auth.*: Organic Agricultural Chemistry, 1916; Text Book of Organic Chemistry, 1921. —*b.* Hudson, O., Mar. 7, 1870; *s.* Wm. Isaac and Lucy (Marshall) C.; reared on farm; *m.* Mary Cole Brauns, 1903; *c.* Lucy Marshall. B.S., Ia. State Coll., 1890; M.S., 1892; Ph.D., Johns Hopkins Univ., 1899; student Univ. Berlin, 1908-9. Phi Beta Kappa; Delta Tau Delta.

Chamberlain, William Isaac, farmer, Hudson, O.; deceased. See Rus 1920.

Chamberlin, Willard J., asst. prof. ent. and for. ent., Ore. Agr. Coll., Corvallis, Ore.

Present position, 1915-. 1st Lieut. Air Serv., U. S. Army, 1917-8; awarded Croix de Guerre. *Auth.*: Forest Entomology, 1924. —*b.* Cleaburne, Tex., Aug. 12, 1890; *s.* Finley and Emily (Hoy) C.; *m.* Frieda L. Jones, 1917; *c.* Mary Hope, Willard J., Marcella J. B.S., Ore. Agr. Coll., 1915; M.S., 1921. Pi Kappa Alpha; Xi Sigma Phi; Gamma Sigma Delta.

Chambliss, Charles Edward, assoc. agron. in chg. rice invests., U. S. Dept. Agr., Washington, D. C.

Instr. zool. and ent. Exp. Sta., Univ. Tenn., 1894-1900; Tenn. state ent., 1900-1; assoc. prof. zool. and ent., Clemson Agr. Coll., 1901-7; S. C. state ent., 1907-8; present position, 1908-. Sec. S. C. State Hort. Soc., 4 yrs. Fellow A. A. A. S.; mem. Wash. Acad. Sci. Traveled in W. Indies, 1917-9. Contr. to Book of Rural Life. —*b.* Petersburg, Va., Aug. 20, 1871; *s.* David Lewis and Lucy Jane (Mann) C.; reared in city; *m.* Lucy Page Smith, June 11, 1896; *c.* Chas. E. Jr., Bathurst Lee. B.S., Univ. Tenn., 1892; M.S., 1894. Sigma Alpha Epsilon; Phi Kappa Phi.

Champion, James Samuel, co. superv. voc. agr., Williamsport, Pa.

In Mex. border serv., 1916-7; co. chm. War Savings Stamps campaign, 1917-8. —*b.* Clinton, N. Y., Dec. 3, 1889; *s.* Clarence M. and Alice (Bingham) C.; reared on farm; *m.* Cecelia A. McKay, Apr. 3, 1917; *c.* Stewart Clarence, Jas. S. Jr. B.S., Cornell Univ., 1913.

Champlin, Archie Earle, dir. State Sch. Agr., Alfred, N. Y.

b. Alfred, N. Y., Dec. 25, 1885; *s.* Floyd Stanton and Eva (Lewis) C.; reared on farm; *m.* Emma B. Bailey, Sept. 29, 1912 (d. 1921); 2d Carol B.

Stillman, Oct. 17, 1923; *c.* Mary Elizabeth, Wm. Henry. Ph.B., Alfred Univ., 1908. Delta Sigma Phi.

Champlin, Manley, sr. prof. field husb., Univ. Sask., Saskatoon, Sask.

Special agt., U. S. Dept. Agr., 1909; sci. asst., 1910; collaborator, 1911-20; assoc. prof. agron. and assoc. general supt. expl. farms, S. D. State Coll., 1914-20; present position, 1920-. Sec. S. D. Exp. Assoc., 1913-20; mem. Grain Grades Com., Minn., 1916; sec. Sask. Field Husb. Assoc., 1921-; pres. W. Canadian Soc. Agron., 1924. Fellow A. A. A. S. *Auth.:* Lessons in Field Management, 1917; Students Guide for the Study of Field Crops, 1917. *Ed.,* field husb. sect., Scientific Agriculture, 1922-. —*b.* Howard Co., Ia., Oct. 28, 1885; *s.* E. B. and Amelia L. (Janes) C.; reared in small town; *m.* Mabel E. Gooder, Mar. 28, 1911; *c.* Marion, Maurine. B.S., S. D. State Coll., 1909; M.S., 1914.

Chance, Frank Sowell, co. agrl. agt., Knoxville, Tenn.

Co. agrl. agt., 1914-7, 1921-3, 1924-; distr. agt., 1917-21; asst. distr. agt., 1923-4. (Tobacco production).—*b.* Cedar Hill, Tenn., May 16, 1890; *s.* Geo. Z. and Sallie (Mathews) C.; reared on farm; *m.* Gertrude Randolph, June 14, 1912; *c.* Randolph, Franklin, Sallie Louise, Betty Marguerite. B.S.A., Univ. Tenn., 1914.

Chandler, Farish Carter, co. agrl. agt., Tifton, Ga.

Teach. agr. and manag. cotton and live-stock farm, Miss., 1916-7; teach. agr., high-sch., Toccoa, Ga., 1919-21; assoc. prof. agrl. educ., Univ. Ga., 1921-4; co. agrl. agt., 1924-. Special lect. S. C. agrl. teach. conference, 1923; sec.-treas. The Winterville Pure Seed Assoc., 1922-4. 2d Lieut. Inf., U. S. Army, 1917-9. —*b.* Commerce, Ga., June 16, 1893; *s.* Isaac and Olivia A. (Nunn) C.; reared on farm; *m.* L. D. Ramsay, Oct. 20, 1920; *c.* Farish C. Jr., Andrew Doyle. B.S.A., Univ. Ga., 1915.

Chandler, Wallace Larkin, asst. prof. and res. assoc. bact., Mich. State Coll., E. Lansing, Mich.

Instr. parasitology, Cornell Univ., 1915-8; present position, 1918-. (Med. and vet. parasitology). —*b.* Antonito, Colo., Apr. 21, 1885; *s.* Thos. W. and Emma L. (Jewell) C.; reared on farm; *m.* Florence Isabel Lucas, July 5, 1917; *c.* Mary Elizabeth, Flora Louise, Mabel Alice, Wallace Lucas. B.S., Univ. Calif., 1914; M.S., 1915; Ph.D., Cornell Univ., 1918. Sigma Xi; Beta Kappa Alpha; Phi Sigma.

Chandler, William Henry, prof. pom., Univ. Calif., Berkeley, Calif.

Asst. prof. hort., Univ. Mo., 1910-3; prof. pom., Cornell Univ., 1913-20; prof. pom. and vice dir. res., 1920-3; present position, 1923-. Fellow A. A. A. S. *Auth.:* Fruit Growing, 1925. (Killing of plant tissue by low temperature; pruning). —*b.* Butler, Mo., July 31, 1878; *s.* Winfield Scott and Mary Wade (Lewis) C.; reared on farm; *m.* Caroline Steele, Sept. 6, 1905; *c.* Caroline G., Wm. L., Mary Martha, Ruth S. B.S.A., Univ. Mo., 1905; M.S.A., 1906; Ph.D., 1914. Sigma Xi; Alpha Zeta.

Chaney, Ben E., rice-grower, Stuttgart, Ark.

Cattle ranch, Colo., 1910-6; rice and cotton farmer, Ark., 1916-. Pres. Ark. Rice Growers Coop. Assoc.; mem. exec. com., Nat. Council of Coop. Marketing Assoc. Traveled in Mex. —*b.* Fayetteville, O., Mar. 4, 1880; *s.* John G. and Almira Frances (Cochran) C.; reared on farm; *m.* Mary Haines, June 27, 1907; *c.* Maurine. Student Ohio State Univ., 1922-3.

Chapais, Jean Charles, advocate and farmer, St. Denis de la Bouteillerie, Que.

Lawyer, 1875-7; assoc. ed., Official Journal of Agriculture of Province of Que., 1879-90; asst. dairy comn., Canada, 1890-; agrl. lect. on dairying in French sections of Dominion, 1879-; fed. asst. agrl. comn. for carrying out Agricultural Instruction Act in Que., 1913-; collaborator and correspondent agrl. press. Sec. Que. For. Assoc.; dir., vice-pres., pres., Pom. and Fruit-Growing Soc. of Province of Que.; dir. and

vice-pres. Que. Dairymens Assoc. *Auth.*: The Canadian Forester's Illustrated Guide, French 1883, English 1885; Notes on Quebec Schools of Agriculture, 1916. —*b.* St. Denis de la Bouteillerie, Que., Mar. 6, 1850; *s.* Jean-Chas. and Georgina (Dionne) C.; reared in village; *m.* Henrietta Michaud; *c.* Chas., Anais. LL.B., Laval Univ., 1875; admitted to Que. Bar, 1875; Doct. Agrl. Sci., 1916; hon. diploma, Macdonald Coll., 1917.

Chapin, Oscar Hilan, co. agrl. agt., Salamanca, N. Y.

b. Easton, N. Y., July 1, 1893; *s.* Hilan and Cora (Ostrander) C.; reared on farm; *m.* Frances Leona Deinhard, Apr. 28, 1918; *c.* Oscar H. Jr. Student Cornell Univ. Kappa Delta Rho.

Chapman, Abel Hugh, chief appriser Fed. Land Bank, Columbia, S. C.

Asst. agr., Fla. Exp. Sta., 1906-7; prof. agr., 2d Distr. Agrl. Sch., Evergreen, Ala., 1907-8; prof. agr., Cameron State Sch. Agr., Lawton, Okla., 1908-12; asst. manag. Farm Improvement Dept., Southern Ry. Co., 1912-4; agt. Greenville Co., S. C., 1914-23. —*b.* Newton, Miss., Sept. 15, 1880; *s.* Jno. E. and Susan (Evans) C.; reared on farm; *m.* Irene Chapman; *c.* A. H. Jr. B.S., Miss. A. & M. Coll., 1904; M.S.A., Univ. Mo., 1907.

Chapman, Chauncey Wallace Lord, asst. prof. for., Univ. Me., Orono, Me.

Instr. agr. and submaster Dow Acad., Franconia, N. H., 1915-6; chg. boys and girls clubs, Warner, N. H., 1916-8. 1st Lieut. Inf., U. S. Army, 1918-9. *For. ed.*, Maine Naturalist. —*b.* Porter, Me., May 20, 1893; *s.* Wallace E. and Nettie Mary (Lord) C.; reared in village; *m.* Mildred Fitch Lombard, Oct. 11, 1918; c. Mary Joan, Mildred Lombard. B.S., Univ. Me., 1914; M.S., 1921. Delta Tau Delta; Phi Sigma; Xi Sigma Pi.

Chapman, Corliss Clyde, co. agrl. agt., Prairieville, La.

Teach. agr., state schs., La., 3 yrs.; formerly agt. Beauregard Parish. Sec. La. Shorthorn Breeders Assoc. Del. to Southern Cotton Convention. (Beef cattle). —*b.* Lincoln Parish, La., Oct. 14, 1887; *s.* J. M. and Elmira (Tabor) C.; reared on farm; *m.* Ruth Michael, May 5, 1914; *c.* John Corliss, Jeff Martin. Student, La. State Univ.

Chapman, Frederick L., ed. and owner, Better Farming, 141 W. Ohio St., Chicago, Ill.

b. Kane Co., Ill., Apr. 21, 1864; *s.* Samuel and Margaret (Spittal) C.; reared on farm; *m.* Louise Sewall, 1891; *c.* Fred L. Jr., Edmund S., John Wilson, Louise, Margaret, Helen. B.A., Amherst Coll., 1888; M.A., 1891. Psi Upsilon.

Chapman, Lyman Thompson, asst. to supt. Dominion Exp. Farm, Lacombe, Alta.

Sec.-treas. Alta. branch, Canadian Soc. Tech. Agrsts. 2d Lieut. Royal Air Force, World War. (An. husb.). —*b.* Hastings, N. S., July 18, 1897; *s.* Alexander and Minnie (Chapman) C.; reared on farm; *m.* Margaret H. Bryden, June 18, 1924. B.S.A., Ont. Agr. Coll., 1921.

Chapman, Norton Everett, asst. prof. poultry husb., Univ. Minn., University Farm, St. Paul, Minn.

Farmer, 1895-1908; present position, 1910-. Poultry ed., Northwestern Agriculturist, Farmer's Dispatch, Farm, Stock and Home. —*b.* Byron, Mich., Sept. 27, 1858; *s.* Samuel and Ruth (VanPelt) C.; reared on farm; *m.* Frankie E. Crowther, Feb. 23, 1886; 2d, Elizabeth Whitney, July 21, 1917; *c.* Jas. E., Royal N., Claudius S. B.A., Univ. Chicago, 1885; M.A., Denison Univ., 1888. Delta Kappa Epsilon.

Chapman, Paul Wilber, state superv. agrl. educ., State Bd. Voc. Educ., Univ. Ga., Athens, Ga.

Supt. schs., Queen City, Mo., 1915; teach. agr. and sci., high-sch., Macon, Mo., 1916; supt. schs., New London, 1917-8; state superv. agrl. educ., Mo., 1918-20; present position, 1920-. —*b.* Brockfield, Mo., Feb. 11, 1891; *s.* Geo. W. and Etta (Wilber) C.; *m.* Elizabeth Lewis, Aug. 10, 1916; *c.* Carolyn. B.S.A., Univ. Mo. Pi Kappa Alpha.

Chapman, Royal Norton, assoc. prof. an. biol. and asst. ent. Exp. Sta., Univ. Minn., University Farm, St. Paul, Minn.

Instr. an. biol., Univ. Minn., 1917-8; asst. prof., 1918-. Special rep. (ent.) Fed. Food Adminis. for Minn. —*b.* Morristown, Minn., Sept. 17, 1889; *s.* Norton E. and Frances E. (Crowther) C.; reared on farm; *m.* Helen Atherton Sanborn, June 9, 1917. B.S., Univ. Minn., 1914; M.A., 1915; Ph.D., Cornell Univ., 1917. Sigma Xi; Gamma Alpha; Alpha Zeta.

Chappell, Howard Francis, instr. agr., high-sch., Modesto, Calif.

Teach. agr., Ferndale Union High-Sch., Calif., 1917-9; bank teller, Ferndale, 1919-21; teach. agr., Lassen Union High-Sch., 1921-2; Modesto, 1922-6. Asst. insp. Stanislaus Co. Accredited Poultry Hatcheries; sec. Ferndale Hospital, 1920. (Live-stock, dairying). —*b.* Los Banos, Calif., Apr. 18, 1895; *s.* Frank Marian and Elizabeth Talbott (Cheatham) C.; reared on farm; *m.* Ruth Elaine Gibbons, Aug. 4, 1920; *c.* Gene Carol. B.S., Univ. Calif., 1917.

Charlton, Isaiah Milbury, dir. N. Y. State Sch. Agr., Morrisville, N. Y.

Teach., State Sch. Agr., Morrisville, N. Y., 1910-7; acting dir., 1917-9; dir., 1919-. Dir. military census and enrollment officer, 1916-7. —*b.* Port Lorne, N. S., Sept. 20, 1876 (naturalized 1898); *s.* Silas and Lucinda (Sabean) C.; reared on farm and in city; *m.* Mary Olive Churchill, Sept. 19, 1911; *c.* Milbury Churchill, Frank Stanton, Paul Raymond. A.B., Colgate Univ., 1910; A.M., 1912; grad. student, Cornell Univ., 1924-5. Beta Theta Pi.

Chase, Arthur Reuben, co. agrl. agt., Ephrata, Wash.

Agrl. agt. Wasco Co., Ore., 1916-9; state leader boys and girls club work, Univ. Wyo., 1921-2; agrl. agt. Grant Co., Wash., 1923-. —*b.* Colman, S. D., Mar. 7, 1888; *s.* Jas. and Jennie (Birdsall) C.; reared on farm. B.S., Ore. Agr. Coll., 1913. Gamma Sigma Delta.

Chase, Leon Wilson, chm. agrl. and mech. engin. depts., Univ. Neb., and pres. Chase Plow Co., Lincoln, Neb.

Farming 1 yr., Lancaster Co., Neb.; Fairbanks-Morse Co., 2 yrs. Pres. and sec. Amer. Soc. Agrl. Engin. Major Ord. R. C., U. S. Army, 1918-9; Lieut.-Col. Ord. O. R. C., 1924. *Auth.*: (with Davidson) Farm Machinery and Farm Motors, 1908. *Ed.*, series on agrl. engin., John Wiley & Sons. —*b.* Jacksonville, Vt., Aug. 27, 1877; *s.* F. W. and Mary Anna (Murdock) C.; reared on farm; *m.* Susan Mills Barnhart, Aug. 16, 1905; *c.* Fred M., Leona, Eleanor. B.S., M.S., Univ. Neb., 1904; M.E., 1914; A.E., Ia. State Coll., 1914. Sigma Xi; Sigma Tau; Gamma Sigma Delta.

Chase, Thomas Gilbert, instr. voc. agr., high-sch., Robbins, Tenn.

Sec. E. Tenn. Voc. Teach. Assoc. 2d Lieut. Q. M. R. C. —*b.* Cleveland, Tenn., Apr. 7, 1902; *s.* Dean W. and Mary Elizabeth (Bean) C.; reared on farm and in city. B.S.A., Univ. Tenn., 1924. Alpha Zeta; Phi Kappa Phi; Pi Delta Epsilon; Sigma Upsilon; Beta Alpha Omega.

Chase, Wilbur Darwin, farmer, Hilton, N. Y.

Formerly co. agrl. agt., Romulus, N. Y. —*b.* Hilton, N. Y., Apr. 20, 1892; *s.* Jas. D. and Eunice (Gallup) C.; reared on farm; *m.* Ida E. Anderson, June 5, 1918. B.S., Cornell Univ., 1916. Alpha Gamma Rho.

Chastain, Troy Green, agrst., The Barrett Co., 521-3 Forsyth Bldg., Atlanta, Ga.

Prof. agr., 9th Distr. Agr. Sch., Clarksville, Ga., 2 yrs.; agrst. Ga. Railway Co., Savannah, 4 yrs. Farm operator, 4 yrs. Formerly co. agrl. agt., Atlanta, Ga. —*b.* Cobb Co., Ga., Oct. 7, 1883; *s.* W. T. and Kate (Winn) C.; reared on farm; *m.* Lillian K. Burns, Oct. 19, 1912. B.S.A., Univ. Ga., 1909.

Chatterton, Harry Jamison, prof. rural educ., S. W. La. Inst., LaFayette, La.

Sci. asst., beef feeding work, U. S. Bur. An. Ind., 1910; teach. agr. and manag. farms., high-schs., La., 1911-7; agrl. agt., Claiborne Parish, La., 1917-9; dir. agr., S. W. La. Inst., 1919-23; prof. rural educ., 1924-. —*b.* Pulaski,

Tenn., July 13, 1887; *s.* Aaron J. and Mattie A. (McIntosh) C.; reared on farm; *m.* Arline Ramsey, June 3, 1912; *c.* Edith Ray, Dorothy Ann. B.S.A., Ala. Poly. Inst., 1909; M.S., Cornell Univ., 1924.

Chenoweth, Walter W., prof. hort. manufactures, Mass. Agr. Coll., Amherst, Mass.

Prof. sci., Chillicothe Normal Sch., Mo., 1903-9; sec. Mo. State Bd. Hort., 1911-2; instr. pom., Mass. Agr. Coll., 1912-5; prof., 1915-8; prof. hort. manufactures, 1918-. (Food preservation). —*b.* Mo., May 30, 1872; *s.* Lemuel and Achsah (McWade) C.; reared on farm; *m.* Lela B. Cullar, 1905; *c.* Winifred Lee, Howard Whitten. B.S., Valparaiso Univ., 1903; M.S., 1909; B.S.A., Univ., Mo., 1912.

Chesnutt, Samuel Lee, prof. and superv. agrl. educ., Ala. Poly. Inst., Auburn, Ala.

Teach. agr., Concord, Tenn., 1903-7; prof. agr. and hort. and manag. farm, Ala. Coll., Montevallo, 1907-18; superv. voc. agr., Montgomery, 1918-9; present position, 1919-. —*b.* Knox Co., Tenn., Aug. 29, 1883; *s.* S. L. and Lida (Brice) C.; reared on farm and in town; *m.* Emma Brown, 1907; *c.* Samuel, Brice, Elizabeth, Bobby, Paul. B.S., Univ. Tenn., 1902; M.A., Peabody Coll., 1925.

Chesser, Thomas Riley, teach. agr. and princ. high-sch., Tornillo, Tex.

Served in U. S. Army, 1917-9. (Hort.). —*b.* Ft. Deposit, Ala., Jan. 12, 1896; *s.* N. B. and Martha (Cassady) C.; reared in town. B.S., Univ. Ariz., 1924.

Cheyney, Edward Gheen, chief Div. For., Univ. Minn., University Farm, St. Paul, Minn.

Asst. for., Univ. Minn., 1905-7; asst. prof., 1907-10; dir. Coll. For., 1910-8; chief Div. For., 1918-. Mem. Minn. State For. Bd.; vice-pres. Minn. State For. Assoc. With Bur. Plant Ind., on white pine blister rust in New England, summer, 1917. *Auth.*: (with Wentling) The Farm Woodlot, 1914; Scott Burton, Forester, 1917. *Ed.,* North Woods Magazine. —*b.* Washington, D. C., Nov. 24, 1878; *s.* R. T. and Lucie Marie (Bolmar) C.; reared in city; *m.* H. Frances Porter, Sept. 11, 1907; *c.* Virginia Brunet, Lucie Marie. A.B., Cornell Univ., 1900; grad. work Yale For. Sch., 1904-5. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Chilcott, Ellery Channing, chg. dry land agr. invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

U. S. deputy surveyor, 1882-92; stock farmer, Campbell Co., S. D., 1883-92; prof. agr., S. D. Agr. Coll., 1892-7; prof. geol. and agron. and vice-dir., 1897-1905; present position, 1905-. Mem. S. D. Senate, 1892; mem. S. D. State Bd. Agr., 1901-2. Fellow A. A. A. S. —*b.* E. Hamburgh, N. Y., Apr. 8, 1859; *s.* Benj. Franklin and Philenda (Freeman) C.; *m.* Alice Bushley, Jan. 2, 1884. M.S., S. D. State Coll., 1898.

Childress, William, teach. voc. agr. and princ. Carroll Co. Training-Sch., Huntingdon, Tenn.

b. Lincoln Co., Tenn., Aug. 16, 1867; *s.* Berry and Hannah (Malone) C. (col.); reared on farm; *m.* Fannie J. Wetherall, Nov. 1895; *c.* Valeria Thos., Berry V. B.S., Princeton Univ., 1917; grad. State Normal, 1925.

Childs, Leroy, ent. and plant path. and supt. Hood River Branch Exp. Sta., Ore. Agr. Coll., Hood River, Ore.

Res. asst. ent., Ore. Agr. Coll., 1914-5; ent., Hood River Exp. Sta., 1915-6; ent., path. and supt., 1916-. —*b.* Alhambra, Calif., Aug. 8, 1888; *s.* Augustus Oliver and Nettie W. (Nye) C.; reared on farm; *m.* Hazel I. Holmes, Dec. 16, 1915; *c.* Leroy Winston, Allison Oliver, Sara Annette. A.B., Stanford Univ., 1913. Sigma Xi; Phi Delta Theta.

Childs, Ross Renfroe, prof. agron. in chg. cotton ind., Univ. Ga., Athens, Ga.

Instr. agron., Univ. Ga., 1913-4; sci. asst. cereal invests., Bur. Plant Ind., U. S. Dept. Agr., 1914-; present position, 1919-. Sec.-treas. Ga. Breeders Assoc. 2d Lieut. Air Serv., U. S. Army, World War. —*b.* Wayside, Ga., Jan. 22, 1888; *s.* Wm. Sumter and Nannie

Antonette (Walker) C.; reared on farm; *m.* Claudia Lamb, Nov. 29, 1923. B.S.A., Univ. Ga., 1912; M.S.A., 1913. Phi Kappa Phi.

Chittenden, Alfred Knight, prof. and head dept. for., Mich. State Coll., E. Lansing, Mich.

Present position, 1914-. —*b.* New Haven, Conn., Oct. 28, 1879; *s.* Russell H. and Gertrude Louise (Baldwin) C.; reared in city; *m.* Lulu Wilcox Brower, 1908. Ph.B., Yale Univ., 1900; M.F., Yale For. Sch., 1902. Sigma Xi; Xi Sigma Pi.

Chittenden, Frank Hurlbut, ent., truck crop insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. ent., U. S. Dept. Agr., 1891-1907; present title, 1917-. Fellow A. A. A. S. *Auth.*: Insects Injurious to Vegetables, 1897. *Ed.*, Entomologica Americana, 1890. —*b.* Cleveland, O., Nov. 3, 1858; *s.* Seth King and Harriet Malvina (Hurlbut) C.; reared in city and country. Licentiate, Cornell Univ., 1881; hon. Sc.D., Western Univ. Penn. (now Univ. Pittsburgh), 1904.

Christ, John Henry, supt. Sandpoint Substa., Sandpoint, Ida.

Soil specialist, Univ. Ida., 1920-1; present position, 1921-. Served in U. S. Army, World War. (Manag. of cut-over lands). —*b.* Bluffton, Ind., Nov. 21, 1896; *s.* John and LaVida (Latamore) C.; reared in town and on farm; *m.* Clarinda Bodler, Sept. 3, 1921; *c.* Phyllis Clarinda. B.S., Univ. Ida., 1919; M.S., Ia. State Coll., 1920. Beta Theta Pi; Alpha Zeta; Gamma Sigma Delta.

Christen, Catharine May, home dem. agt., Court House, Toledo, O.

Teach. home econ. and princ. high-sch., 1921-2; asst. co. club agt. Hampden Co., Mass., 1922-4; home dem. agt. Lucas Co., O., 1924-. —*b.* Hymera, Ind., Oct. 30, 1898; *d.* Edward S. and M. Frances (Marlow) C.; reared on farm. B.S., Purdue Univ., 1921. Pi Beta Phi.

Christensen, Chris Lauriths, agrl. econ. in chg. div. agrl. coop., U. S. Dept. Agr., Washington, D. C.

With Standard Chautauqua System, managerial work, Lincoln, Neb., 1920-1; present position, 1924-. Served in Inf., U. S. Army, 1918. —*b.* Minden, Neb., Dec. 29, 1894; *s.* C. Marius and Hilda (Ibsen) C.; reared on farm. B.S., Univ. Neb., 1920; fellow of Amer. Scandinavian Foundation to study coop. agr. in Denmark, 1921-2; student Univ. Copenhagen, 1921-2; Harvard Univ., 1923-4. Alpha Zeta.

Christensen, Frederick Waldemar, prof. an. nutr., asst. chm. dept. an. husb., N. D. Agr. Coll., Agricultural College, N. D.

Ast. expert an. nutr., Bur. An. Ind., U. S. Dept. Agr., 1904-5; asst. an. nutr., Penn. State Coll., 1905-8, 1909-10; assoc. prof. agrl. chem., N. Mex. A. & M. Coll., 1911-4; nutr. chem., 1914-6; present position, 1916-. —*b.* Randolph, Kans., Jan. 22, 1879; *s.* Niels and Christine Elizabeth (Johnson) C.; reared on farm; *m.* Alma O. Johnson, Sept. 1, 1909; *c.* Chas. Frederick, Arthur Geo., Paul Edward. B.S., Kans. State Agr. Coll., 1900; M.S., Penn. State Coll., 1908; grad. student Yale Univ., 1908-9.

Christie, Arthur W., asst. prof. fruit products, Univ. Calif., Berkeley, Calif.

Instr. agrl. chem., Univ. Calif., 1916-9; present position, 1919-; asst. chief insp. Calif. Walnut Growers Assoc. 2d Lieut. Sanitary Corps, U. S. Army, 1917-9; 1st Lieut. Q. M. R. C. *Auth.*: Laboratory Manual of Fruit and Vegetable Products, 1923. —*b.* San Francisco, Calif., Jan. 2, 1892; *s.* Louis C. and Olivia (Lee) C.; reared in city; *m.* Jean Rosella Whitcher, June 18, 1915; *c.* Lee Stirling, Kathleen Louise, John Grahame. B.S., Univ. Calif., 1915; M.S., 1916. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Alpha Chi Sigma.

Christie, George Irving, dir. agrl. ext. and Agr. Exp. Sta., Purdue Univ., LaFayette, Ind.

Asst. agron., Ia. State Coll., 1903-5; asst. agron., Purdue Univ., 1905-6; assoc. in agrl. ext., 1906-9; supt. agrl. ext., 1909-; dir. Agr. Exp. Sta., 1920-. Adv. mem. State Voc. Educ. Comn., 1911-2; sec. Ind. Corn Growers Assoc.,

1909-; dir. Nat. Corn Assoc. State food dir., Ind., 1917-; dir. Summer-Sch. for Teachers, Purdue Univ.; supt. Ind. Agrl. Exhibit, Panama-Pacific Expos., 1915; chm. agrl. com., Ind. Centennial Celebration, 1916; mem. Ind. Comn. on Food Production and Conservation. Asst. sec. agr., U. S. Dept. Agr., 1918-9; mem. Nat. War Labor Policies Bd.; mem. Nat. Com. employment Soldiers and Sailors, 1919; supt. Intern. Grain and Hay Show, 1919-; sec. Ind. Deep Waterway Com. —*b.* Winchester, Ont., June 22, 1881; *s.* David and Mary Ann (Howes) C.; reared on farm; *m.* Ethel Maria Carpenter, June, 1906; *c.* Erminia Margaret. B.S.A., Ont. Agr. Coll., 1902; B.S.A., Ia. State Coll., 1903. Alpha Zeta; Alpha Gamma Rho; Sigma Delta Chi.

Christopher, Elwyn O., co. agrl. agt., Quitman, Miss.

Corporal Art. Corps, U. S. Army, World War. —*b.* Starkville, Miss., May 23, 1896; *s.* J. R. C.; reared on farm; *m.* Elma Brooks, June 10, 1923. B.S., Miss. A. & M. Coll., 1924.

Chubbuck, Levi, agrst., N. Glendale, Calif.

Supt. coll. farm, Univ. Mo., 1882-4; assoc. ed., Colman's Rural World, St. Louis, 1885-90; ed., 1898-1902; special insp. for agr., Indian Bur., U. S. Dept. Interior, 1902-8; with U. S. Dept. Agr., 1909-. Sec. Mo. State Bd. Agr., 1890-4. Traveled for U. S. Dept. Agr. in Alaska, 1909 and 1911. —*b.* Lower Bartlette, N. H., Oct. 23, 1856; *s.* Edwin R. and Martha Elizabeth (Stevens) C.; reared on farm; *m.* Josephine Mitchell, Apr. 24, 1895. B.S.A., Univ. Mo., 1882; M.S.A., 1885.

Chubbuck, Manley E., farm supt., Windber, Pa.

Farm bur. agt., Herkimer Co., N. Y. and Chemung Co., 3½ yrs. —*b.* N. Orwell, Pa., Dec. 14, 1889; *s.* Eugene and Jennie (Manley) C.; reared on farm; *m.* Marian Burney, Oct. 1, 1914; *c.* Jas., Jean, Dorothy. B.S.A., Penn. State Coll., 1911. Alpha Zeta; Sigma Chi.

Chupp, Charles, asst. ext. prof. plant path., Cornell Univ., Ithaca, N. Y.

Acting prof. bot., Wabash Coll., 1916-7; instr. plant path., Cornell Univ., 1917-8; asst. ext. prof., 1918-. *Auth.:* Manual of Vegetable Garden Diseases, 1925. —*b.* Millersburg, Ind., June 2, 1886; *s.* Levi N. and Margaret (Weaver) C.; reared on farm; *m.* Nora May Scrugham, 1913; *c.* Karl Richard, Wm. Howard. A.B., Wabash Coll., 1912; Ph.D., Cornell Univ., 1916. Sigma Xi.

Church, James Edward Jr., prof. classics, Univ. Nev. and in chg. Nev. Coop. Snow Surveys, Reno, Nev.

Instr. Latin and German, Univ. Nev., 1892-4; asst. prof. Latin, 1894-5; assoc. prof., 1895-6; prof., 1896-1918; prof. classics, 1918-; founder Mt. Rose Meteorological Observatory (now branch Calif. State Dept. Public Works), 1905; meteorologist, Nev. Exp. Sta., 1905-19; in chg. Nev. Coop. Snow Surveys, 1919-. —*b.* Holly, Mich., Feb. 15, 1869; *s.* Jas. E. and Mary Alice (Eisenbrey) C.; reared in town; *m.* Florence Humphrey, July 2, 1894; *c.* Willis Humphrey, Donald Eisenbrey. B.S., Univ. Mich., 1892; Ph.D., Univ. Munich, 1901. Phi Beta Kappa.

Church, Verne Horace, field agt., Div. Crop Estimates, U. S. Dept. Agr., Lansing, Mich.

Farmer and fruit-grower, Ionia Co., Mich., 1892-9; ed. country newspaper, 1900-1; observer, U. S. Weather Bur., 1902-9; sect. dir., 1909-14; stationed at Columbia, S. C., Toledo, O., Chicago, Cheyenne, Wyo., Salt Lake City, Indianapolis; present position, 1914-. —*b.* Lowell, Mich., Sept. 12, 1875; *s.* Eustace Eugene and Elizabeth Ann (Leary) C.; reared on farm; *m.* Cora Louisa Harker, Nov. 10, 1897; *c.* Jessie Eugenia, Geneva Mildred, Verna Harriet, Lawrence Allen.

Churchill, Francis Gerald, ext. prof. farm crops and soils, Ia. State Coll., Ames, Ia.

Prof. soils, Man. Agr. Coll., 1908-16; present position, 1916-. —*b.* Allenton, Ia., Oct. 1, 1884; *s.* E. P. and Villa (Kellog) C.; reared on farm; *m.* Edna

Irene Neely, Apr. 15, 1914; *c.* Barbara Lou. B.S.A., Ia. State Coll., 1908. Alpha Zeta; Delta Upsilon.

Churchill, Omar Orlando, prof. agron., N. D. Agr. Coll., Agricultural College, N. D.

Instr., Mich. Agr. Coll., 1903-4; instr., N. D. Agr. Coll., 1904-10; prof. agron., Okla. A. & M. Coll., 1910-4; dean agr., 1912-4; present position, 1914-. Fellow A. A. A. S. Contr. to Book of Rural Life. —*b.* Capac, Mich., Aug. 27, 1879; *s.* Nelson and Roxana (Frost) C.; reared on farm; *m.* Jessie Greame Jones, Apr. 26, 1914. B.S., Mich. Agr. Coll., 1903; M.S., N. D. Agr. Coll., 1923. Alpha Zeta; Alpha Gamma Rho.

Clapp, Alfred Lester, distr. agrl. agt., Kans. State Agr. Coll., Manhattan, Kans.

Foreman agron. farm, Kans. State Agr. Coll., 1914-5; manag. ranch, Colo., 1915-6; agrl. agt. Morris Co., Kans., 1916-9; asst. Land Dept., N. Y. Coal Co., Nelsonville, O., 1919-20; present position, 1920-. —*b.* Fort Scott, Kans., Sept. 16, 1889; *s.* Chas. L. and Ida M. (Baker) C.; reared on farm; *m.* Stella Opal Cady, June 7, 1918; *c.* Bonny Lou, Betty Jean, Aleta Fay. B.S.A., Kans. State Agr. Coll., 1914. Sigma Gamma Delta.

Clapp, Frank L., assoc. prof. educ., Univ. Wis., Madison, Wis.

Prof. sch. adminis., Univ. Colo., 1914-9; present position, 1919-. Dir. sch. surveys, Grand Junction, Colo., Idaho Springs and Archuleta Co. —*b.* Forest Hill, Ind., Aug. 21, 1877; *s.* Elias and Mary Ann (Amick) C.; reared on farm; *m.* Anna Bertha Marmein, 1903; *c.* Donald J., Dale M. A.B., Lincoln Coll., Ill., 1911; A.M., Univ. Ill., 1912; Ph.D., Univ. Wis., 1914. Kappa Delta Pi; Phi Delta Kappa.

Clapp, Raymond Kingsley, exec. and co. agt., New Haven Co. Farm Bur., New Haven, Conn.

General farming, 1907-8, 1912-4; agrl. instr. and farm supt., Smith's Agrl. Sch., Northampton, Mass., 1914-7; sec. Hampshire Co. Farm Bur., 1916-7; agrst., First Nat. Bank, New Haven, Conn., 1917-23; present position, 1923-. (Pom.). —*b.* Westhampton, Mass., Nov. 4, 1889; *s.* Edwin B. and Nelly H. (Kingsley) C.; *m.* Lora E. Buck, Dec. 31, 1914. B.S., Mass. Agr. Coll., 1912. Theta Chi.

Clark, Alexis Luzerne, chief Bur. Markets, N. J. State Dept. Agr., Trenton, N. J.

Foreman Sylvan Hill Fruit Farm, Terryville, Conn., 1905-7; manag. H. S. Coe & Co., wholesale market firm, Waterbury, 1908-10; partner in Clark Bros., wholesale produce, New Britain, 1910; prof. poultry husb., Baron De Hirsch Agrl. Sch., Woodbine, N. J., 1911; instr. poultry husb., Rutgers Coll., 1912-4; also instr. agr., Columbia Univ., 1914; state leader co. agts., Rutgers Coll., 1915; present position, 1916-. Pres. Nat. Assoc. State Marketing Officials, 1922. —*b.* Haddam, Conn., July 19, 1883; *s.* Henry H. and Frances (Ventres) C.; reared on farm; *m.* Maude Augusta Potter, 1905; *c.* Frances Elizabeth, Alexis Jr., Oliver. Student Conn. Agr. Coll., Rutgers Coll.

Clark, Arthur William, assoc. chem., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. chem., Penn. Exp. Sta., 1904-5; present position, 1905-. (Insp. commercial feeding stuffs, fertilizers, insecticides). —*b.* Glover, Vt., Aug. 22, 1879; *s.* Wm. F. and Elizabeth (Marston) C.; reared on farm; *m.* Muriel C. Blood, Oct. 6, 1909; *c.* Ruth Elizabeth, Chas. Marston. B.S., Univ. Vt., 1904.

Clark, Charles C., asst. chief Weather Bur., Washington, D. C.

Chg. Bur. Statistics, U. S. Dept. Agr., 1906-7; chief clerk, U. S. Dept. Agr., 1911-4; present position, 1914-. Statistician, Intern. Inst. Agr., Rome, Italy, 1908-10. *Ed.,* Crop Reporter, U. S. Dept. Agr., 1905-7. —*b.* Washington, D. C., Mar. 6, 1875; *s.* Ezra W. and Sylvia (Nodine) C.; reared on farm and in city; *m.* Mary D. Swingle, 1905; *c.* Chas. C. Jr., Robt. Duncan, Mary Elizabeth, Anita. LL.B., Philadelphia Law Sch., 1899; LL.M., Columbia Univ., 1900; D.C.L., 1901.

Clark, Charles Frederick, assoc. hort., U. S. Dept. Agr., Washington, D. C.

Asst. agron., Exp. Sta., Cornell Univ., 1906-8; asst. plant-breeding, 1908-10; with U. S. Dept. Agr., 1910-. Fellow A. A. A. S. (Plant-breeding, especially potatoes). —*b.* Glover, Vt., Aug. 13, 1873; *s.* Wm. Frederick and Elizabeth (Marston) C.; reared on farm; *m.* Minnie E. Husser, May 28, 1914. B.S., Univ. Vt., 1897; M.S.A., Cornell Univ., 1907; Ph.D., 1909. Sigma Xi; Sigma Nu.

Clark, Charles Henry, salesman, N. Werthiemer & Sons, seed merchants, Ligonier, Ind.

Asst. agrst., N. D. Exp. Sta., 1909-10; asst. plant-breeder, Ariz. Exp. Sta., 1910-1; asst. in crop acclimatization, cotton breeding, U. S. Dept. Agr., 1911-3; asst. agron. in chg. flax invests., Bur. Plant Ind., U. S. Dept. Agr., 1913-9; agron., The Albert Dickinson Co., seed merchants, Chicago, 1919-22; present position, 1922-. —*b.* Tower City, N. D., Aug. 6, 1887; *s.* Geo. F. and Emma (Hilton) C.; reared on farm and in town; *m.* Ellen Esther Clark, Sept. 16, 1913; *c.* Philip Warner, Ellen Elizabeth, Foster Chas., Georgene. B.S.A., N. D. Agr. Coll., 1908.

Clark, Clyde Farrell, teach. voc. agr., high-sch., Noxapater, Miss.

b. Ruth, Miss., Feb. 11, 1901; *s.* F. L. and M. E. (Greer) C.; reared on farm; *m.* Margaret Clower, June 29, 1924. B.S., Miss. A. & M. Coll., 1922.

Clark, Ellis Fred, instr. agr., high-sch., Woodbury, Conn.

Herdsman, Echo Farm, Worcester, Mass., 1915; Hilltop Farm, Suffield, Conn., 1916; Mt. Fair Farm, Middlebury, Conn., 1917; farm manag., 1917-20; present position, 1920-. —*b.* Granby, Conn., Sept. 29, 1891; *s.* Geo. F. and Emma A. (Dewey) C.; reared on farm; *m.* Ila B. Stacy, May 29, 1918; *c.* Myrle Norma, Justine Marguerite. B.S., Mass. Agr. Coll., 1915. Theta Chi.

Clark, Elmer Russell, asst. prof. agron., Univ. Minn. N. W. Sch. and Sta., Crookston, Minn.

Instr. agr., high-sch., Le Sueur, Minn., 1919-20. 1st Lieut. Inf., U. S. Army 1917-8. (Farm crops). —*b.* Okee, Wis., Sept. 17, 1891; *s.* Fred L. and Catherine (Wells) C.; reared on farm. B.S.A., Univ. Wis., 1919. Alpha Zeta; Acacia.

Clark, Emerson Selden, teach. agr., high-sch., Guilford, Conn.

Asst. to Conn. state apiarist, 1920-1; teach. high-sch., Washington, Conn., 1921; acting princ., 1921-2; present position, 1922-; lect. and instr. in part time evening sch., Nut Plains, Guilford, 1925; local jr. club leader, 1923-. Rep. of Conn. Voc. Agrl. Teach. at Nat. Dairy Show, 1923. —*b.* N. Y. City, Apr. 1, 1898; *s.* Adelbert T. S. and Mary M. (Posten) C.; reared in city; *m.* Louise G. Gunnarson, Mar. 31, 1923. B.S., Conn. Agr. Coll., 1921.

Clark, Ernest McChesney, field sec. O. Holstein-Friesian Assoc., 10509 Euclid Ave., Cleveland, O.

With Univ. Ill., 1913-4; manag. stock ranch, Rock Island Co., Ill., 1914; farmer, Cambridge, Ill., 1915-6; dairy ext. specialist, Univ. Ill., 1916-20; dairy cattle marketing, Ill. Agrl. Assoc., Chicago, 1920-2; present position, 1922-. —*b.* Sherrard, Ill., Aug. 23, 1890; *s.* J. G. and Emma (Engle) C.; reared on farm; *m.* Elsa Louise Steward, July 25, 1919. B.S., Univ. Ill., 1913. Gamma Alpha.

Clark, Floyd Barzilia, head dept. econ., Tex. A. & M. Coll., College Station, Tex.

Instr. English, Ga. Sch. of Tech., 1909-11; instr. political sci., Penn. State Coll., 1914-5; asst. prof., 1915-6; present position, 1916-; lect. econ., Univ. Tex., summer, 1919. Traveled in France and England, 1910. *Auth.*: Constitutional Doctrines of Justice Harlan, 1915. —*b.* Chesterfield Co., Va., Sept. 11, 1886; *s.* P. B. and Mattie A. (Belcher) C.; reared on farm and in small town; *m.* Ruth Haines, June 24, 1915. A.M., Richmond Coll., Va., 1908; Ph.D., Johns Hopkins Univ., 1914.

Clark, Guy Bennett, co. club agt., Clendenin, W. Va.

b. Hemlock, W. Va., Apr. 14, 1887; *s.* Jas. E. and Tyrissa (Bennett) C.; reared on farm; *m.* Willa A. Rohrbough, July 9, 1917; *c.* Guy B. Jr., Margaret Hazeldon, Helen Hope. Grad. Normal Sch.

Clark, J. Allen, agron. in chg. western wheat invests., U. S. Dept. Agr., Washington, D. C.

Sci. asst., U. S. Dept. Agr., Dickinson Substa., N. D., 1911-4; asst. agron. in western wheat invests., 1914-8; agron. in chg., 1918-. —*b.* Tower City, N. D., June 9, 1888; *s.* Geo. F. and Emma H. (Clark) C.; reared on farm; *m.* Amber M. Aymar, Feb. 21, 1912; *c.* Mildred Belle, Clyde Allen. B.S.A., N. D. Agr. Coll., 1910; M.S., Univ. Minn., 1923. Sigma Xi.

Clark, J. Artemas, supt. Dominion Exp. Sta., Charlottetown, P. E. I.

Lect. farmers insts., P. E. I., 1903-7; asst. to seed comnr., Ottawa, 1908-9; lect. short courses, P. E. I., 1909-18. Pres. P. E. I. Floral Assoc.; vice-pres. Intern. Conference of Poultry Invest. and Instr., 1919. Capt. Canadian Army and head dept. agr., Khaki Univ. of Canada, 1918-9. *Auth.*: Farm Accounts, 1918; Choosing a Farm, 1918. (Agron.). —*b.* Bay View, P. E. I., Aug. 2, 1878; *s.* John C. and Annie Margaret (Simpson) C.; reared on farm; *m.* Wilhelmina A. Toole, Mar. 30, 1910; *c.* Eina Marion. B.S.A., Toronto Univ., 1906.

Clark, Kenneth Asbury, asst. prof. an. husb., Univ. Md., College Park, Md.

Rep. Ia. Beef Producers Assoc., summer 1923; asst. state boys club agt., Univ. Md., summer 1924. Traveled in Gt. Britain. —*b.* Craig, Neb., Jan. 13, 1901; *s.* Arthur G. and Cora (Bovee) C.; reared on farm. B.S., Univ. Neb., 1922; M.S., Ia. State Coll., 1923. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Clark, Lloyd Talbert, teach. voc. agr., high-sch., Cobden, Ill.

Present position, 1921-. Served in Vet. Corps, U. S. Army, 1918-9. (An. husb.). —*b.* Barry, Ill., Oct. 2, 1895; *s.* Frank Asa and Etta A. (Talbert) C.; reared on farm; *m.* Bertha Leona Lawson, Aug. 25, 1921. B.S.A., Univ. Ill., 1921.

Clark, Olin Mitchell, prof. and head dept. agrl. educ., Okla. A. & M. Coll., Stillwater, Okla.

Asst. prof. agron., Clemson Agr. Coll., 1912-8; assoc. prof. rural educ., 1918-9; present position, 1919-. —*b.* Chapin, S. C., June 22, 1885; *s.* O. P. and Ophelia (Alewine) C.; reared on farm. B.S., Clemson Agr. Coll., 1909; M.S., Cornell Univ., 1918.

Clark, Raymond McCollum, teach. voc. agr., high-sch., Adrian, Mich.

b. Holton, Mich., Oct. 2, 1899; *s.* Wm. M. and Jeannie M. (McCollum) C.; reared on farm; *m.* Marian E. Ward, Aug. 30, 1922. B.S., Mich. Agr. Coll., 1922.

Clark, Robert Fry, prof. econ. and sociol., Marietta Coll., Marietta, O.

Prof. foreign languages, Central Coll., 1902-5; princ. Washburn Acad., 1906-11; fellow sociol. and res. asst. social tech., Univ. Chicago, 1911-3; assoc. prof. econ. and sociol., Colgate Univ., 1913-4; asst. econ., Univ. Chicago, 1914-5; dean and prof. econ. and sociol., Pacific Univ., 1915-7; acting pres., 1917-9; pres., 1919-22; present position, 1922-. (Rural sociol.).—*b.* Galt, Ont., Feb. 10, 1880 (naturalized 1918); *s.* Robt. A. and Elizabeth (Fry) C.; reared on farm and in city; *m.* Mary Adeline Willard, Oct. 16, 1913; *c.* Elizabeth Mary, Francis Willard, Florence Alberta. A.B., Central Coll., 1901; Oberlin Coll., 1902; A.M., Univ. Chicago, 1906.

Clark, Robert Samuel, co. agrl. agt., Huntingdon, Pa.

b. Quakertown, Pa., Sept. 3, 1896; *s.* David M. and Anna (Bean) C.; reared on farm. B.S., Penn. State Coll., 1918; M.S., Univ. Minn., 1924. Alpha Zeta; Phi Kappa Phi.

Clark, Walter Thompson, co. agrl. agt., 19 Shannon Bldg., Norwich, Conn.

Asst. farm manag. dem., Conn. Agr. Coll., 1920-3. Served in U. S. Army, 1917-8. —*b.* Granby, Mass., Jan. 16, 1895; *s.* Chas. and Lura T. (Thompson) C.; reared on farm; *m.* Charlotte Adams Whiting, Sept. 2, 1922; *c.* Walter T. Jr. B.S., Conn. Agr. Coll., 1918.

Clark, William Darrow, prof. for., Mass. Agr. Coll., Amherst, Mass.; deceased. See Rus 1920.

Clark, William Noble, co. agrl. agt., Ewen, Mich.

Instr. an. husb., Mich. Agr. Coll., 1915-7; in chg. agrl. development, Wis. Colonization Co., 1918-22; agrl. agt. Ontonagan Co., 1922-. —*b.* Lake Preston, S. D., Sept. 18, 1891; *s.* Wm. W. and Agnes (Noble) C.; reared on farm; *m.* Margaret Hunt, Sept. 4, 1918; *c.* Janet Ann, Wm. Hunt. B.S.A., Univ. Wis., 1915.

Clarke, Sarah R., home dem. agt., Kingfisher, Okla.

Teach. rural schs., Foyil, Okla., 1903-4; high-sch., Chelsea, 1905-15, 1922-4; home dem. agt., Rogers Co., 1915-8; canning instr., Kerr Glass Mfg. Co., Sand Springs, 1918-22. —*b.* Nolensville, Tenn., Aug. 24, 1884; *s.* Richard Ashley and Emily (Lea) C.; reared in town. B.A., Memphis Conference Female Inst., Jackson, Tenn., 1902; Springfield, Mo., Normal, 1907.

Clarke, Virgil Vincent, fruit-grower, Bristol, Ind.

Formerly co. agrl. agt., Plymouth, Ind. —*b.* Edinburg, Ind., Mar. 20, 1894; *s.* T. Curtis and Frances (Barlow) C.; reared on farm. B.S.A., Purdue Univ., 1917.

Clarke, Warren Thompson, prof. agrl. ext., Univ. Calif., Berkeley, Calif.

Asst. ent. and asst. supt. farmers insts., Univ. Calif., 1903-6; prof. ent., Ala. Poly. Inst., 1906-7; prof. hort. and supt. farmers inst., Univ. Calif., 1907-12; prof. agrl. ext., 1912-. —*b.* San Francisco, Calif., Mar. 15, 1863; *s.* Chas. R. and Marie Louise (Thompson) C.; reared in town and country; *m.* Elizabeth Agnes Allen, Dec. 22, 1885; *c.* Allen Louis, Dorothy Ward, Elizabeth Anne, Catherine Charles. B.S., Univ. Calif., 1903. Sigma Xi.

Class, Charles Frederick, co. agrl. agt., Lebanon, O.

Instr. sci. and agr., Elgin Acad., Ill., 1913-4; princ. and instr. sci. and agr., high-sch., Vandalia, O., 1914-8; present position, 1918-. (Dairying). —*b.* Miami Co., O., Feb. 1, 1888; *s.* Philip F. and Minnie E. C.; reared on farm; *m.* Edith Jackson, Dec. 1, 1917. B.S. Agr., Ohio State Univ., 1913.

Clausen, Arthur Dwight, teach. voc. agr., high-sch., Taylorville, Ill.

2d Lieut. Inf., O. R. C., U. S. Army. —*b.* Cortland, Ill., June 4, 1899; *s.* Niles Peter and Mary (Joslyn) C.; reared on farm. B.S., Univ. Ill., 1922. Delta Sigma Phi.

Clausen, Curtis Paul, ent., U. S. Dept. Agr., care Amer. Consulate, Calcutta, India.

Asst. in ent., Univ. Calif., 1914-5; with Calif. State Dept. Agr. in Japan, China, Formosa, P. I., 1916-7; with U. S. Dept. Agr. in Japan, 1920-4; India, 1925-. Served in A. E. F., 1918-9. —*b.* Randall, Ia., Mar. 28, 1893; *s.* Jens and Matilda (Christiansen) C.; reared on farm. B.S., Univ. Calif., 1914; M.S., 1920. Sigma Xi; Delta Sigma Phi; Alpha Zeta.

Clausen, Roy Elwood, assoc. prof. genetics, Univ. Calif., Berkeley, Calif.

Instr. genetics, Univ. Calif., 1914-6; asst. prof., 1916-24; assoc. prof., 1924-. Served in U. S. Army, 1917-9. *Auth.*: (with E. B. Babcock) Genetics in Relations to Agriculture. (Research in maize, tobacco and Drosophila). —*b.* Randall, Ia., Aug. 21, 1891; *s.* Jens and Mathilda (Christiansen) C.; reared on farm; *m.* Mae Winifred Falls, July 19, 1916; *c.* Roy E. Jr. B.S., Okla. A. & M. Coll., 1910; B.S., Univ. Calif., 1912; Ph.D., 1914. Sigma Xi; Alpha Zeta; Phi Kappa Phi.

Clausen, Theodore Barton, field development, Coop. Grange League Federated Exchange, Inc., Ithaca, N. Y.

Farmer and stockman, 2 yrs.; manag. cow testing assoc., 2 yrs.; agrl. agt. Schenectady Co., N. Y., 1917-20. Pres. N. Y. State Dairy Students Butter and Cheesemakers Assoc., 1916-8. 2d Lieut., U. S. Army, 1918. —*b.* Hoboken, N. J., Nov. 30, 1894; *s.* Bernard and Mary (Chancellor) C.; reared in town; *m.* Mildred Taber, Aug. 27, 1917. Grad. N. Y. State Sch. Agr., Alfred Univ., 1914.

Clawson, Arthur Brooks, assoc. physiol., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Lab. asst., Univ. Mich., 1904-5; asst. zool., Univ. Wis., 1905-7; instr. biol., Lake Forest Coll., 1907-9; present position, 1909-. Mem. Wis. Acad. Sci., Ill. Acad. Sci. (Poisonous plant invests.). —*b.* Green Lake, Wis., June 18, 1878; *s.* Lester and Ada E. (Brooks) C.; reared in village; *m.* Ethel M. Johnson, Mar. 28, 1914. B.A., Univ. Mich., 1904; grad. student Univ. Wis. Sigma Xi.

Claybaugh, Joseph Harrison, co. agrl. agt., Clay Center, Neb.

Instr. agr., Fairfield, Neb., 1914-6; Sioux Co. high-sch., 1916-7; asst. state club leader, Univ. Neb., 1917-8; agt. Clay Co., 1918-. (Poultry and swine husb., agron.). —*b.* Emmerson, Ia., Apr. 27, 1889; *s.* Mathew S. and Mary E. (Moore) C.; reared on farm; *m.* Helen Krause, Aug. 12, 1916. B.Sc., Bellevue Coll., 1912; Univ. Neb., 1914.

Clayton, Clarence Lauren, teach. voc. agr., high-sch., Owensville, Ind.

Ext. worker, Ky. State Dept. Agr., 1913-6; teach. voc. agr., Evansville, Ind., 1916-7; Frankfort, 1918-9; Owensville, 1920-. Manag. Oakland City Coll. orchard, 1914-24. (Apple and nut cult.). —*b.* Upper Sandusky, O., Jan. 12, 1890; *s.* Darius Daniel and Ella Jane (Strong) C.; reared in town and country. B.S.A., Ohio State Univ., 1913.

Cleaton, Lucie, home dem. agt., Dinwiddie, Va.

Teach. country schs., 26 yrs.; home dem. agt., 1912-. (Canning, poultry, garden). —*b.* Church Road, Va., Feb. 24, 1865; *d.* Robt. Jas. and Susan (Wharton) C.; reared on farm. Student Univ. Va. and Peabody Coll.; teach. certificate, Univ. Va., 1912.

Cleeves, Edward Warren, with Walker Ice Cream Co., Somerset, Pa.

Dairy and poultry farming, 11 yrs.; co. agrl. agt., 6 yrs. —*b.* Meadowbrook, N. Y., Aug. 15, 1882; *s.* Wm. A. and Susie E. (White) C.; reared on farm; *m.* Clara B. Dubbstadt, Jan. 12, 1910; *c.* Wm. Geo., Mary. B.S.A., Cornell Univ., 1907.

Clegg, Wyatt Arnton, assoc. prof. agrl. engin., Univ. Ga., Athens, Ga.

Served in U. S. Navy, World War. —*b.* Wadley, Ala., Sept. 21, 1894; *s.* B. F. and Mary (Pearson) C.; reared on farm; *m.* Nova Binford, June 1921. B.S.A., Univ. Ga., 1919.

Cleland, Gilbert Lynn, co. agrl. agt., Goodland, Kans.

Teach. agr., Chase Co. High-Sch., 1914-5; Clay Center, Kans., 1915-6; sci. asst., U. S. Dept. Agr., 1916-9, chg. expl. work with beef cattle, Canton, Miss., 1917-8, live-stock ext., Miss. A. & M. Coll., 1918-9; live-stock supt. Tippah Farms, Cotton Plant, Miss., 1919-21; agrl. agt. Montgomery Co., Mo., 1921; farmer, New Albany, Miss., 1922-3; agrl agt. Sherman Co., Kans., 1924-. Cadet Marine Reserve Flying Corps, U. S. Army. (Beef cattle, swine). —*b.* Alma, Kans., Dec. 10, 1892; *s.* Frank Laurence and Charlotte Elizabeth (Jordan) C.; reared on farm; *m.* Mary Moeselle Purnell, Sept. 16, 1920; *c.* Shirley Latrelle. B.S., Kans. State Agr. Coll., 1914. Delta Tau Delta.

Cleland, Spencer B., asst. co. agt. leader, Univ. Minn., University Farm, St. Paul, Minn.

Farm manag. dem., Univ. Minn., 1914-6; present position, 1916-. —*b.* Waseca, Minn., Dec. 20, 1886; *s.* Jas. W. and Amanda (Conner) C.; reared on farm; *m.* Hazel Boss, Aug. 28, 1919. B.S., Univ. Minn., 1914. Alpha Zeta.

Clemens, Ralph Hagey, agrl. rep., Arthur, Ont.

Drainage dem., Ont. Agr. Coll., 1912-3; agrl. rep., Waterloo Co., 1914; supt. Monteith Dem. Farm., New Ontario, 1915-7; agrl. rep., Wellington Co., 1918-. —*b.* Galt, Ont., July 17, 1885; *s.* Wm. Henry and Amelia (Hagey) C.; reared on farm. B.S.A., Ont. Agr. Coll., 1912.

Clement, Clarence Elbert, assoc. market milk specialist, U. S. Dept. Agr., Washington, D. C.

Foreman city milk plant, Boston, Mass., 1907-12; with U. S. Dept. Agr., 1912-. Mem. Intern. Assoc. Dairy and Milk Insp. *Auth.*: (with E. Kelly) Market Milk, 1923. —*b.* Derry, N. H., Nov.

15, 1883; *s.* Walter S. and Martha A. (Langmaid) C.; reared on farm. B.S., N. H. Univ., 1906.

Clement, Fred Moore, dean Faculty of Agr. and prof. hort., Univ. B. C., Vancouver, B. C.

Agrl. rep., Elgin Co., Ont., 1911-2; lect. hort., Macdonald Coll., 1912-4; dir. Exp. Sta., Vineland, Ont., 1914-6; prof. hort., Univ. B. C., 1916-; dean agr., 1919-. —*b.* Virgil, Ont., Nov. 21, 1884; *s.* John Putnam and Lily E. (Zimmerman) C.; reared on farm; *m.* Florence Wegerast, Aug. 19, 1913; *c.* Paul Wilfrid, John Wm. B.S.A., Ont. Agr. Coll. and Univ. Toronto, 1911; M.A., Univ. Wis., 1922.

Clement, Peter Ernest, manag. Clay Co. Coop. Certified Seed Potato Growers Assoc., Moorehead, Minn.

Princ. high-sch. and supt. public schs., Wis., Neb. and Wyo., 1900-12; formerly co. agt., Moorhead, Minn.; asst. co. agt. leader, Univ. Minn. —*b.* Clinton Co., Ia., May 17, 1873; *s.* Benj. and Eliza (Lippincot) C.; reared on farm; *m.* Ora A. Crandall, Aug. 14, 1904; *c.* Ruth Helene, Ernest Crandall. A.B., Milton Coll., Wis., 1900; B.S.A., Colo. Agr. Coll., 1913; A.M., Milton Coll., 1914.

Clements, Charles Conant, farmer, Winterport, Me.

Pres. Me. State Pom. Soc.; clerk and treas., Farmers Union of Me. (Orchard manag.). —*b.* Winterport, Me., Jan. 22, 1876; *s.* Geo. Henry and Clara (Conant) C.; reared on farm; *m.* Eda Young, Dec. 22, 1900; *c.* Doris Lillian, Norris Chas., Helen Caroline.

Cleveland, Clarence Rugg, asst. ent., Purdue Univ. Agr. Exp. Sta., LaFayette, Ind.

Asst. ent., N. H. Exp. Sta., 1915; asst. econ. ent., N. H. Coll., 1915-6; instr., 1916-8; asst. prof., 1918-21; present position, 1921-. —*b.* Seward, Ill., Aug. 27, 1889; *s.* Albert W. and Fransula L. (Rugg) C.; reared on farm; *m.* Helen M. West, Oct. 5, 1912; *c.* Fransula Elaine, Clarence West, Edward De Wayne. B.A., Univ. Wis., 1912. Sigma Xi; Lambda Chi Alpha.

Clevenger, Clinton B., asst. res. chem. in soils, Wyo. Agr. Exp. Sta., Laramie, Wyo.

Asst. chem. soils, Ill. Agr. Exp. Sta., 1913-7; asst. soils and agrl. bact., Univ. Wis., 1917-9; instr. chem., 1919-20; prof. agrl. chem., Man. Agr. Coll., 1920-5; present position, 1925-. —b. Shelby Co., O., Nov. 11, 1888; *s.* W. F. and Mary M. (Haney) C.; reared on farm. B.Sc., Ohio State Univ., 1912; M.S., 1913; Ph.D., Univ. Wis., 1919. Sigma Xi; Gamma Alpha; Phi Kappa Phi.

Clevenger, William Leander, assoc. prof. dairying, N. C. State Coll., Raleigh, N. C.

Instr. dairying, Ohio State Univ., 1907-14; asst. prof., 1914-7; dairy mfg. specialist, U. S. Dept. Agr., 1917-23; present position, 1923-. Traveled in Europe, 1914. —*b.* Shelby Co., O., Oct. 7, 1881; *s.* Wm. F. and Mary Margaret (Haney) C.; reared on farm. B.S.A., Ohio State Univ., 1906.

Click, William Daniel, co. agrl. agt., Wayne, W. Va.

Teach. agr., Nicholas Co. High-Sch., Summersville, W. Va., 1914-8 and co. agrl. agt. —*b.* Kirby Knob, Ky., Feb. 22, 1889; *s.* Daniel M. and Elvira (Hatfield) C.; reared on farm; *m.* Nell Ross Kirkpatrick; *c.* Nell Jones. Grad. Berea Coll.

Cline, Isaac Monroe, distr. forecaster, U. S. Weather Bur., 1615 Prytania St., New Orleans, La.

Instr. med. climatology, Univ. Tex., 1896-1901; 1889-90 organized Tex. Weather Serv. and in 1899 and 1900 inaugurated flood warning serv. on Colorado and Brazos Rivers, Tex.; in 1894 introduced into U. S. Weather Bur. forecasting of minimum temperatures for use of sugar-planters and truck-growers to protect crops; established special meteorological stas. on Mexican Gulf Coast and Yucatan, 1898, for Weather Serv. in connection with Spanish-Amer. War. Del. to 2d Pan-Amer. Sci. Congress, Washington, 1915-6. Ed. and pub., Abilene, Tex., Reporter, 1887-8. —*b.* near Madisonville, Tenn., Oct. 13, 1861; *s.* Jacob Leander and Mary Isabel (Wilson) C.; reared on

farm; *m.* Cora May Ballew, Mar. 17, 1887 (d. 1900); 2d, Margaret C. Hayes, Aug. 5, 1902; *c.* Allie M., Rosemary, Esther Ballew. B.A., Hiwassee Coll., Tenn., 1882; M.D., Ark. Univ., 1885; Ph.D., Tex. Christian Univ., 1896.

Cline, Jessie Alice, assoc. prof. home econ., Univ. Mo., Columbia, Mo.

Instr. home econ., Univ. Kans., 1919-21; present position, 1921-; part owner and manag. apartment house and tea-room, Columbia, 1923-. (Foods). —*b.* Savannah, Mo., Nov. 5, 1891; *d.* Jesse Lee and Lottie (Lynch) C.; reared in town. B.S., Univ. Mo., 1915; A.B., 1916. Pi Lambda Theta; Omicron Nu.

Cline, J. Fred, instr. voc. agr., high-sch., LaMoure, N. D.

Instr. voc. agr., high-sch., Jerome, Ida., 1920-1; Bozeman, Mont., 1921-2; Eureka, Mont., 1923-4; LaMoure, N.D., 1924-. Mem. O. R. C., U. S. Army.—*b.* Spokane, Wash., Jan. 23, 1898; *s.* J. O. and Albie E. (Thompson) C.; reared on farm and in town. B.S., Univ. Ida., 1923. Sigma Alpha Epsilon; Alpha Zeta.

Clinton, George Perkins, bot., Conn. Exp. Sta., New Haven, Conn.

Asst. bot., Univ. Ill. and Exp. Sta., 1890-1900; present position, 1902-; bot. Conn. State Bd. Agr., 1902-. Vice-pres. Sect. G., A.A.A.S., 1914; pres. Amer. Phytological Soc., 1913. Sent by Harvard Univ. to Japan to study economic fungi and by U. S. Dept. Agr. to Porto Rico. Editorial bd., Phytopathology, 1917. —*b.* Polo, Ill., May 7, 1867; *s.* John W. and Carrie A. (Perkins) C.; reared in small city; *m.* Ann J. Lightbody, Aug. 9, 1892; *c.* Harry L. B.S., Univ. Ill., 1890; M.S., 1894; M. S., Harvard Univ., 1901; Sc.D., 1902. Sigma Xi.

Clinton, Louis Adelbert, dir. agrl. ext., Rutgers Coll. and State Univ. of N. J., New Brunswick, N. J.; Feb. 13, 1868—Jan. 21, 1923. See Rus 1920.

Close, Charles Phillip, pom., U. S. Dept. Agr., Washington, D. C.

Asst. hort., N. Y. State Exp. Sta., Geneva, 1895-9; hort., bot., ent., Utah Agr. Coll., 1899-1901; hort., Del. Coll., 1901-7; hort., Md. Agr. Coll., 1907-11; present position, 1911-. Sec.-treas., Amer. Soc. for Hort. Sci., 1907-. —*b.* New Buffalo township, Mich., Jan. 21, 1868; *s.* Chas. and Caroline (Kobelin) C.; reared on farm; *m.* Margaret Whyte Blandy, Oct. 11, 1906. B.S., Mich. Agr. Coll., 1895; M.S., 1897.

Clough, Robert Samuel, co. agrl. agt., Sedalia, Mo.

Princ. schs., Holliday, Mo., 1909-11; supt. city schs., Queen City, Mo., 1912-5; short course asst. vet. sci., Univ. Mo., 1917; co. agrl. agt., Benton, Ky., 1917-20; Warrensburg, Mo., 1920-3. —*b.* Wyaconda, Mo., July 8, 1888; *s.* Geo. and Ida May (Wilson) C.; reared on farm; *m.* Lulu Mary Casper, June 22, 1917. B.S.A., Univ. Mo., 1917.

Clutter, James A. Jr., assoc. prof. dairy husb., Tex. A. & M. Coll., College Station, Tex.

Instr., Tex. A. & M. Coll., 1913-5; asst. prof., 1915-7; asst. prof., Clemson Agr. Coll., 1917-8; present position, 1919-. —*b.* Newton, Ia., Sept. 13, 1889; *s.* J. A. and Ella (Spitzer) C.; reared in town; *m.* Zela E. English, May 25, 1918; *c.* Jas. English, John Richard. B.S.A., Ia. State Coll., 1913; M.S., 1924. Delta Tau Delta; Gamma Sigma Delta.

Clyde, Arthur W., ext. prof. agrl. engin., Ia. State Coll., Ames, Ia.

b. Osage, Ia., Mar. 30, 1891; *s.* J. F. and Harriet (Wedgewood) C.; *m.* Ruth Moe, Jan. 2, 1917; *c.* Robt., Dean, Ruth. B.S., Ia. State Coll., 1915. Tau Beta Pi; Phi Kappa Phi.

Cobb, Cully Alton, ed. Southern Ruralist, 116 E. Hunter St., Atlanta, Ga.

Supt. agrl. high-sch., Buena Vista, Miss., 2 yrs.; from asst. state agt. to asst. dir. ext., Miss. A. & M. Coll., 1910-9; state insp. agrl. high-schs., Miss., 1910-3. Pres. Miss. Corn Improvement Assoc.; dir. Miss. Duroc Breeders Assoc.; dir. Miss. Sweet Potato Growers Assoc.; hon. dir. Miss. State Fair. —*b.* Prospect, Tenn., Feb. 25, 1884; *s.* Napoleon Bonaparte and Agnes (Woodward) C.; reared on farm; *m.* Byrdie Ball, 1910; *c.* Cully A. Jr. B.S., Miss. A. & M. Coll., 1908.

Cobb, Herbert Nelson, farmer, Towanda, Pa.

Asst. expl. agron., Penn. State Coll., 1914; asst. instr., 1913-4; ext. rep. Luzerne Co., 1914-22. —*b.* Factoryville, Pa., Sept. 12, 1890; *s.* Nelson G. and Hannah D. (Sickler) C.; reared on farm. B.S., Penn. State Coll., 1914. Alpha Zeta; Phi Kappa Phi.

Cobb, J. Stanley, asst. prof. agron., Penn. State Coll., State College, Pa.

Instr. agron., Penn. State Coll., 1919-20; asst. prof., 1920-. Served in Engin. Corps, U. S. Army, 1917-9. (Potatoes). —*b.* Groton, N. Y., Sept. 15, 1891; *s.* Nelson Stevens and Lauretta (Kresge) C.; reared on farm; *m.* Elsie May Johnson, June 19, 1920; *c.* J. S. Jr., Priscilla Turner. B.S.A., Cornell Univ., 1915; M.S., Mass. Agr. Coll., 1917.

Cobb, Myron A., head dept. agr., Central State Normal Sch., Mt. Pleasant, Mich.

Teach. sci., Traverse City, Mich., 1897-1901; Lansing, 1901-7; present position, 1907-. Chm. rural sect., Mich. State Teach. Assoc., 1916-8. Studied agrl. conditions in Europe, 1924. (Soils). —*b.* Ypsilante, Mich., Apr. 6, 1872; *s.* D. T. and Mary (Huston) C.; reared on farm; *m.* Helena Ferstl, 1896; *c.* Lucile. Grad. Mich. Normal Sch., 1896; B.S., Mich. Agr. Coll., 1908; M.S., 1920.

Cobb, Nathan Augustus, agrl. tech., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. public schs., Spencer, Mass., 1877-8; prof. chem. and nat. sci., Williston Sem., Mass., 1881-7; appointee British Assoc. Adv. Sci., Naples Zool. Sta., 1888-9; prof. biol., Sydney Univ., New S. Wales, 1890-1; path., Dept. Agr., New S. Wales, 1891-8, 1901-4; manag. Wagga Exp. Farm, 1897-8; agrl. Comnr., New S. Wales to Europe and U. S., 1898-1901; dir. div. physiol. and path., Hawaiian Sugar Planters Exp. Sta., Honolulu, 1904-7; present position, 1907-; acting asst. chief, Bur. Plant Ind., 1911-. (Tech. of growth and manufacture of food and fibre materials). —*b.* Spencer, Mass., June 30, 1859; *s.* Wm. H. and Jane A. (Bigelow) C.; *m.* Alice Vara Proctor, Aug. 8, 1881. B.Sc., Worcester Poly. Inst., 1881; Ph.D., Univ. Jena, 1888.

Cobb, Oliver C., teach. agr., high-sch., Anna, Ill.

Teach. sci., high-sch., Birmingham, Mich., 1914-8; teach. agr., Anna-Jonesboro Community High-Sch., Ill., 1919-; fruit-grower, 1922-. 2d Lieut. U. S. Army, 1918-9. (Pom.). —*b.* Sun Prairie, Wis., Oct. 21, 1892; *s.* B. B. and Amy C.; reared in village. B.S., Mich. Agr. Coll., 1914.

Cobb, William Battle, assoc. prof. soils, N. C. State Coll., Raleigh, N. C.

Asst. bot., Univ. N. C., 1911-3; sci., U. S. Soil Survey, 1913-8, 1919-20; geol. and soil specialist, Amer. Rural Planning Assoc., Madison, Wis., 1920; assoc. prof. agron., La. State Univ., 1920-4; teach. soils and geol., Univ. N. C., summer 1923-4; present position, 1924-. Mem. N. C. Acad. Sci. 2d Lieut. Air Serv., U. S. Army, 1918-9; 1st Lieut. O. R. C. —*b.* Cambridge, Mass., Nov. 23, 1891; *s.* Collier and Mary (Battle) C.; reared in town; *m.* Eva Cohoon, Dec. 28, 1920; *c.* Mary Martha, Eva Carolyn. A.B., Univ. N. C., 1912; A.M., 1913.

Coburn, Foster Dwight, ex-sec. Kans. State Bd. Agr., Topeka, Kans.

Ex-pres. Bd. Regents, Kans. State Agr. Coll.; chief live-stock dept., La. Purchase Expos.; pres. Kans. State Temperance Union, 5 yrs., and treas., 10 yrs. *Auth.*: Swine Husbandry, 1877; Alfalfa, 1903; The Book of Alfalfa, 1910; Swine in America, 1915. Formerly ed. Live-Stock Indicator; on editorial staff Kansas Farmer, Missouri Valley Farmer, Farmers' Mail and Breeze, Country Life in America. Served in Civil War in 62d and 135th Ill. regiments. —*b.* Jefferson Co., Wis., May 7, 1846; *s.* E. W. and Mary Jane (Mulks) C.; reared on farm; *m.* Lou Jenkins, Sept. 1869; *c.* Tina Louise, Gertrude, Clay E. A.M. (hon.), Baker Univ.; LL.D., Kans. State Agr. Coll.

Cochel, Wilber Andrew, Amer. Shorthorn Breeders Assoc., Manhattan, Kans.

Asst. an. husb., Purdue Exp. Sta., 1905-6; assoc., 1906-10; prof. an. husb., Penn. State Coll., 1910-2; prof. an. husb., Kans. State Agr. Coll., 1912-8; present position, 1918-. Pres. Amer. Soc.

of An. Production; pres. Federated Meat Producers Assoc.; adv. com. on beef cattle, U. S. Food Adminis. Fellow Amer. Acad. Sci. —*b.* Tipton, Mo., Aug. 7, 1877; *s.* Wm. Henry and Charlotte (Calvin) C.; reared in country town; *m.* Caroline Fahnestock, Oct. 1, 1908. A.B., Univ. Mo., 1897; B.S., 1905. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Cochrun, James Lee, field agt., U. S. Div. Crop Estimates and chief Ohio Bur. Agrl. Statistics, Federal Bldg., Columbus, O.

Deputy gov., Dept. Mindanao, Philippines, 1912-3; field agt., Div. Crop Estimates, 1914-; chief O. Bur. Agrl. Statistics, 1919-. From 2d Lieut. to Capt., Philippine Constabulary, 1906-13 (received medal for valor); from Capt. to Lieut-Col., U. S. Army, 1917-9 (received British D. S. O.). (Agrl. statistics). —*b.* Spencerville, O., Sept. 16, 1885; *s.* Jasper Lee and Catherine Belle (Carmean) C.; reared on farm; *m.* Lela Meredith Purdy, July 13, 1914; *c.* Betty Ann, Jas. L. Jr. Student Ohio Wesleyan Univ., 1902-5. Phi Kappa Psi.

Cocke, Randolph Preston, supt. Agr. Exp. Sta., Lightfoot, Va.

Mem. Bd. Visitors, William and Mary Coll. (Alfalfa). —*b.* Powhatan Co., Va., Sept. 3, 1884; *s.* T. L. P. and Mary (Curtis) C.; reared on farm; *m.* Christine McRae, June 14, 1911; *c.* Duncan McRae, Mary Curtis, Thos. Preston. B.S., Va. Poly. Inst., 1906.

Cockerham, John Harrison, farmer, Luella, La.

Pres. La. Shorthorn Breeders Assoc., 1918-; pres. La. Livestock Assoc., 1919-; pres. Southern Cattlemens Assoc., 1920; mem. State For. Adv. Bd. (Pigs and Shorthorn cattle). —*b.* Luella, La., Jan. 10, 1892; *s.* John W. and Luella Elizabeth (Harrison) C.; reared on farm. B.S., La. State Univ., 1913.

Cockerham, Kirby Lee, assoc. ent., U. S. Dept. Agr., Biloxi, Miss.

Princ. high-schs., Tylertown and Saucier, Miss., 1915-6; ext. ent. in truck crop insects, Miss., 1917-8; ent. in chg. sweet potato weevil eradication in Miss. and Ala., 1919-24. *Auth.*: (with T. E. Hand) The Sweet Potato, 1920; A. Manual of Spraying, 1923. —*b.* Aberdeen, Miss., Mar. 12, 1893; *s.* George and Lula (Hollingsworth) C.; reared on farm; *m.* Carrie Jones Doty, Aug. 29, 1922. B.Sc., Miss. A. & M. Coll., 1914; M.Sc., Ohio State Univ., 1917.

Codlin, Harry Ellsworth, co. agrl. agt., Adel, Ia.

Dairy dept., Univ. Ill., 1914-5; stock and grain farmer, 1915-8; present position, 1918-. —*b.* Pontiac, Ill., Mar. 28, 1892; *s.* Chas. and Sarah (Elson) C.; reared on farm; *m.* Carrie L. McColley, Sept. 1, 1915; *c.* Jas. B., Ruth E. B.S., Univ. Ill., 1914.

Coe, Hayes M., co. agrl. agt., Independence, Kans.

Co. comn. Woodson Co., Kans., 3 yrs. —*b.* Streator, Ill.; *s.* Albert and Farsina (Clark) C.; reared on farm; *m.* Lila Spencer, Dec. 31, 1903. Educ. Kans. State Agr. Coll.

Coe, Lila Spencer, home dem. agt., Independence, Kans.

Teach. primary schs., 5 yrs. —*b.* Jerseyville, Ill.; *d.* F. H. and Sarah (Parsell) Spencer; reared on farm; *m.* Hayes M. Coe, Dec. 31, 1903. Grad. Kans. State Normal Sch., 1901.

Coe, Maynard Henry, ext. an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Co. agrl. agt., Minn., 1918-22; specialist in chg. jr. live-stock clubs, Kans. State Agr. Coll., 1922-4; present position, 1924-. —*b.* St. Charles, Minn., Mar. 7, 1895; *s.* Henry A. and Hattie (Maynard) C.; reared on farm; *m.* Mary V. Germo, June 4, 1919; *c.* Marion Louise, Maynard Henry Jr. B.S.A., Univ. Minn., 1917. Alpha Gamma Rho.

Coen, Benjamin Franklin, assoc. prof. rural sociol., Colo. Agr. Coll., Fort Collins, Colo.

Teach. rural schs., 1893-6; high-schs., 1900-6; head dept. English and history, Colo. Agr. Coll., 1906-21; rural sociol., 1921-. —*b.* Rensselaer, Ind., June 12,

1876; *s.* W. S. and Caroline B. (Hosler) C.; reared on farm; *m.* Jeanne F. Welch, 1912. B.L., Univ. Wis., 1900; M.A., 1918.

Coffey, Joel Simmonds, prof. an. husb., Ohio State Univ., Columbus, O.

Instr. an. husb., Purdue Univ., 1912-4; lect., Univ. Ia., summers, 1913-4; present position, 1914-. Farm operator, 2 yrs. (Swine husb.). —*b.* Rugby, Ind., Dec. 8, 1884; s. Calvin Allen and Josephine (Simmonds) C.; reared on farm; *m.* Dorothy Elizabeth Neff, 1922. B.S., Univ. Ill., 1912. Alpha Zeta.

Coffey, Ralph Thompson, teach. agr. and princ. E. Corinth Acad., E. Corinth, Me.

Manag. Corinth Apple Products Co. 1st Lieut., U. S. Army, 1917-9; served with A. E. F.; dir. agrl. educ., Amer. Army Occupation, Germany. (Apple-growing). —*b.* Orono, Me., Nov. 6, 1891; *s.* Wm. H. and Maria J. (Thompson) C.; reared on farm; *m.* Marian E. McNamara, Aug. 4, 1917. B.S., Univ. Me., 1914. Theta Chi.

Coffey, Walter Costella, dean and dir. Dept. Agr., Univ. Minn., University Farm, St. Paul, Minn.

Instr. sheep husb., Univ. Ill., 1906-7; assoc., 1907-10; asst. prof., 1911-3; prof., 1913-21; present position, 1921-. Special agt. Tariff Bd. under Pres. Taft, 1911. *Auth.*: Productive Sheep Husbandry, 1918; contr. to Book of Rural Life. —*b.* Hartsville, Ind., Feb. 1, 1877; *s.* Calvin Allen and Josephine (Simmonds) C.; reared on farm; *m.* Jennie C. Lardner, Aug. 14, 1907; *c.* Lardner Allen, Walter C. Jr. B.S., Univ. Ill., 1906; M.S., 1909. Sigma Xi; Alpha Zeta; Sigma Alpha Epsilon.

Coffin, Roscoe Calvin, asst. state sec. Y. M. C. A., Minneapolis, Minn.

Dept. supt., Minn. State Agr. Soc. Mem. Bd. Trustees of Penn. Coll. Sec. Co. Y. M. C. A., 6 yrs. (Rural sociol.). —*b.* Pleasant Plain, Ia., Sept. 23, 1876; *s.* Jeremiah and Martha Ann (Bray) C.; reared on farm; *m.* Isabella Reid, Aug. 5, 1914; *c.* Wilbur Reid, Gordon Reid. B.S., Penn. Coll., Oskaloosa, Ia., 1905; M.A., 1912.

Coffin, Ruby Leone, home dem. agt., Colorado Springs, Colo.

Teach., Mt. Lincoln Sch., Palisade, Colo., 1916-7; instr. home econ., Sterling, 1917-21. —*b.* Longmont, Colo., Dec. 8, 1893; *d.* Reuben F. and Lydia E. (Gregg) C.; reared on farm. B.S., Colo. Agr. Coll., 1916. Kappa Alpha Theta.

Coffman, Franklin Arthur, assoc. agron. oat invests., U. S. Dept. Agr., Washington, D. C.

Supt. agron. and fiber expts., La Carlot Exp. Sta., Philippine Isls., 1914-6; student asst. bot., Kans. State Agr. Coll., 1916-7; field asst. Off. Cereal Invests., U. S. Dept. Agr., Akron, Colo., 1917-8; sci. asst., 1918-21; asst. agron., 1921-3; present position, 1924-. Traveled Hawaii, Japan, China, Philippines. —*b.* Jewell City, Kans., Dec. 30, 1892; *s.* Ernest Burton and Rachel M. (Bayles) C.; reared on farm; *m.* Alta Winifred Johnson, June 18, 1919; *c.* Alice Winifred. B.S., Kans. State Agr. Coll., 1914; M.S.A., 1922. Phi Kappa Phi; Gamma Sigma Delta.

Coglon, Roger Brandt, co. agrl. agt., Yuma, Ariz.

Asst. distr. rep., Ont. Co., Ont., 1910; ext. lect., Univ. Sask., 1911; state seed comnr., Ida., 1912-3; state leader co. agrsts., Ida., 1913-4; co. agt., Eugene, Ore., 1914-6; co. agt. leader, Wash. State Coll. Del. from Ida. to Intern. Dry-Farming Congress, Lethbridge, Canada, 1912. Sec. Ida. Seed Growers Assoc., 1912-4. —*b.* Kingston, Ont., Feb. 22, 1888 (naturalized 1917); *s.* I. I. and Mary C. (Orser) C.; reared on farm; *m.* Hazel L. Frye, Sept. 2, 1913. B.S.A., Univ. Toronto, 1911.

Cogswell, Prescott Franklin, fruit grower, El Monte, Calif.

Walnut and orange grower, 37 yrs. Trustee, Univ. S. Calif.; mem. State Land Settlement Bd.; vice-pres. Los Angeles Co. Farmers Mutual Fire Insurance Co. —*b.* Thornesford, Ont., Oct. 23, 1859; *s.* Asa Hawley and Mary (Allen) C.; reared on farm; *m.* Jane Belcher, July 5, 1885; *c.* Frederick Allen, Harold Goldsmith, Irene. Student Albert Univ., 2 yrs.

Cohagen, Orval Austin, advertising manag., Nor'West Farmer, Winnipeg, Man.

Assoc. ed., Nor'West Farmer, 1907-12; advertising manag., 1912-. —*b.* Dow City, Ia., Apr. 23, 1884; *s.* S. L. and Martha (Jay) C.; reared on farm; *m.* Clara Abegg, Sept. 14, 1911; *c.* Wm. Jay, Myra Elizabeth, John Robson. B.S.A., Ia. State Coll., 1907. Alpha Zeta.

Cohill, Edmund P., fruit-grower, Hancock, Md.

Private sec. to Geo. M. Ball, Empire Transportation Co., Philadelphia, 1875; cashier, Empire Transportation Co., Baltimore, 1876-7; general farming, 1881-1902; organized Tonoloway Orchard Co., 1902. Pres. Md. Hort. Soc., 1905-6; pres. Eastern Fruit Growing Assoc., 1918; pres. Md. Agr. Soc., 1919; del. to Amer. Farm Bur. Fed., 1919, mem. exec. com., 1924; pres. Md. State Farm Bur., 1923-4; dir. Baltimore branch, Fed. Reserve Bank of Richmond, Va., 1924. (Apples). —*b.* Elmira, N. Y., Dec. 3, 1855; *s.* Andrew A. and Mary Jane (Mapes) C.; reared on farm; *m.* Mary Ellen Rinehart, Dec. 23, 1876; 2d, Emma M. Glover, Sept. 1923; *c.* Rinehart, Louise, Leo, Wm. Andrew, Luella.

Coit, John Eliot, head Coit Agrl. Serv., 1880 Linda Vista, Pasadena, Calif.

Assoc. prof. hort., Univ. Ariz., 1907-9; asst. prof. pom., Univ. Calif., 1909-12; assoc. prof. pom. and supt. Citrus Exp. Sta., 1911-2; prof. citriculture, 1912-20; farm adv., Los Angeles Co., 1918-9. Fellow A. A. A. S. Pres., dir. and general manag. Rancho Leucadia, Inc.; dir. Calif. Avocado Growers Soc. *Auth.*: Citrus Fruits, 1915. (Citriculture, ficiculture, semi-trop. pom.). —*b.* San Antonio, Tex., Mar. 9, 1880; *s.* Wm. Henry and Anna Maria (Summerell) C.; reared in city and truck farm; *m.* Emilie A. Hanna, Aug. 7, 1907; *c.* Eleanor M., Frances Eliot, Lucy Catherine Moore. B.Agr., N. C. A. & M. Coll., 1903; M.S.A., Cornell Univ., 1905; Ph.D., 1907. Sigma Xi; Gamma Alpha.

Coke, Walter W., instr. dairy sci., Chaffey Union High-Sch., Ontario, Calif.

Stock and dairy farmer, Gila Valley, Ariz., 3 yrs.; dairy farmer, Chino Valley, Calif., 15 yrs. —*b.* San Luis Obispo Co., Calif., June 15, 1871; *s.* Jas. H. and Elizabeth (Langlois) C.; reared on farm; *m.* Minnie E. Smith, Jan. 3, 1895; *c.* Wilbur S., Wm. Howard, Jas. Earl. Student Univ. S. Calif.

Coke, Wilbur S., asst. dir. agr., high-sch., Pasadena, Calif.

Served in Chem. Warfare Serv., World War. —*b.* Downey, Calif., Nov. 26, 1895; *s.* Walter W. and Minnie (Smith) C.; reared on farm; *m.* Lila F. Brittain, 1920. A.B., Univ. Calif., 1920.

Coker, David Robert, plant-breeder, seedsman, cotton dealer, Hartsville, S. C.

Pres. J. L. Coker Co., merchants; pres. Coker Cotton Co.; pres. Pedigreed Seed Co.; dir. Fed. Reserve Bank of Richmond. Mayor Hartsville, 1902-4; chm. S. C. Council Defense, 1917-9; Fed. Food Adminis., 1917-; trustee, Univ. S. C. Mem. Nat. Agrl. Adv. Com., 1917-8; mem. Nat. Agrl. Comn. to Europe, 1918; pres. S. C. Plant Breeders Assoc. —*b.* Hartsville, S. C., Nov. 20, 1870; *s.* Jas. Lide and Susan A. (Stout) C.; reared on farm; *m.* Jessie Ruth Richardson, Sept. 12, 1894; 2d, Margaret May Roper, Aug. 25, 1915; *c.* Katherine, Hannah Eleanor, Robt., Samuel, Martha. A.B., Univ. S. C., 1891.

Coker, Wesley Terry, co. agrl. agt., Sylacauga, Ala.

b. Millerville Ala., Feb. 19, 1861; *s.* M. J. and Tanner (Murae) C.; reared on farm; *m.* Martha J. Musser, Feb. 2, 1882; *c.* Claudia E., Marion P., Clara T., Marcus L., Morris W., Clide N., Clanys J., Clio P.

Colburn, Arthur W., farmer and breeder Holstein-Friesian cattle, Dracut Sta., Lowell, Mass.

Local officer and rep. General Court of Mass., 1915-6; rep. elect to General Court, 1925-6; Senator, 1917-9. —*b.* Dracut, Mass., Dec. 1, 1877; *s.* Selden and Jane Lambert (Murkland) C.; reared on farm; *m.* Mabel L. Wilcox; *c.* Ruth L., Robt. T., Hazel A., Marjorie W. B.S., N. H. Coll., 1897.

Colby, Arthur Samuel, assoc. prof. pom. and assoc. chief pom. Exp. Sta., Univ. Ill., Urbana, Ill.

Instr. agr., Pinkerton Acad., Derry, N. H., 1911-3; asst. to assoc. prof. pom., Univ. Ill., 1913-. Sec. N. H. Potato Growers Assoc., 1911-3. Ed. small-fruits dept. American Fruit Grower Magazine, 1918-9, 1924-. —*b.* Tilton, N. H., July 4, 1887; *s.* Alfred H. and Edna L. (Tucker) C.; reared on farm; *m.* Marion Bullard, Aug. 18, 1915; *c.* Mary Edna, Priscilla Bullard. B.S., Univ. N. H., 1911; M.S., Univ. Ill., 1915; Ph.D., 1919. Alpha Tau Omega; Phi Delta Kappa; Gamma Sigma Delta.

Colcord, Mabel, librarian, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Acting librarian, State Univ. of Ia., 1903-4; present position, 1904-. (Bibliography of econ. ent.). —*b.* Boston, Mass., Dec. 24, 1872; *d.* Samuel Marshall and Elisabeth (Rodman) C.; reared on farm. A.B., Radcliffe Coll., 1895; B.L.S., N. Y. State Library Sch.

Cole, A. H., asst. prof. agrl. educ., Univ. Wis., Madison, Wis.

Princ. high-sch., Oakwood, Wis., Sheboygan, Lincoln Co. Normal Sch.; city supt., Rice Lake; agrl. agt. Lincoln Co. (Live-stock). —*b.* Hampden, Wis., July 26, 1871; *s.* Dewitt C. and Rhoda (Brace) C.; reared on farm; *m.* Minnie Bruins, Nov. 29, 1900; *c.* Lydon B., Malcolm B. Ph.B., Univ. Wis.

Cole, John Selden, agrst., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Special agt., U. S. Dept. Agr., 1903-5; asst. agrst. in chg. agron., S. D. State Coll., 1905-8; present position, 1908-. —*b.* Cincinnatus, N. Y., Nov. 19, 1878; *s.* Harley and Mercy Ann (Fisk) C.; reared on farm; *m.* Beatrice Lightfoot, Sept. 17, 1903; *c.* Selden D., Arthur W., Geo. L. B.S., S. D. State Coll., 1903.

Cole, Leon Jacob, prof. genetics, Univ. Wis., Madison, Wis.

Chief div. an. path. and breeding, R. I. Exp. Sta., 1906-7; acting chief, 1907-8; instr. zool., Sheffield Sci. Sch., Yale Univ., 1907-10; assoc. prof. expl. breeding, Univ. Wis., 1910-4; prof., 1914-8; prof. genetics, 1918-; chief an. husb. div., Bur. An. Ind., U. S. Dept. Agr., 1923-4 (on leave). Invest. U. S. Bur. Fisheries, summers, 1901-6. Fellow Amer. Acad. Arts and Sci.; mem. council Intern. Assoc. Poultry Instrs. and Invests., 1912-9; pres. Wis. Acad. Sci., 1924-. Mem. Harriman Alaska Exped., 1899; Bermuda, 1903; zool. exped., Yucatan, 1904; traveled in Europe, 1911, 1924. (An. breeding). —*b.* Allegany, N. Y., June 1, 1877; *s.* Elisha Kelley and Helen Marion (Newton) C.; reared in city and on farm; *m.* Margaret Belcher Goodenow, Aug. 28, 1906; *c.* Margaret Valeria, Edward Goodenow. Student Mich. Agr. Coll., 1894-5, 1897-8; A.B., Univ. Mich., 1901; Ph.D., Harvard Univ., 1906. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Cole, Lester, manag. and ed. The Montana Farmer, Great Falls, Mont.

Newswriter for Butte Daily Post. Served in Sanitary Corps, U. S. Army, A. E. F. —*b.* Belt, Mont., Dec. 12, 1895; *s.* Ralph D. and Winnifred (Schuttler) C.; reared in town; *m.* Elizabeth M. Agnew, June 15, 1921; *c.* Marjorie Elizabeth. B.S., Mont. State Coll., 1917. Sigma Chi; Phi Kappa Phi.

Cole, Ray M., co. superv. voc. agrl. educ., Bloomsburg, Pa.

Princ. Orangeville High-Sch., 1915; superv. voc. agrl. educ., Columbia Co., Pa., 1921-5. Chm. agrl. sect., Anthracite Arts Assoc. of E. Penn. Served in World War. —*b.* Orangeville, Pa., July 22, 1889; *s.* Ezra S. and Jessie (Megargell) C.; reared on farm; *m.* Loula Frances Lauffer, 1921; *c.* Ellen Louis. B.S., Penn. State Coll., 1920.

Coleman, Clell, comnr. of agr., Dept. of Agr., Frankfort, Ky.

Farmer. Sheriff of Mercer Co., Ky., 4 yrs. —*b.* Mercer Co., Ky., May 13, 1868; *s.* T. C. and Anna (Jordan) C.; reared on farm; *m.* Lula Walters, 1887; *c.* Verna, Walter, Hunter, Lee Jas., Annetta, T. C., Jack, Evelyn, Lewis Chas. Student Center Coll., Danville, Ky.

Coleman, Thomas Archibald, asst. dir. ext., Purdue Univ., LaFayette, Ind.

Teach. rural schs., 1894-8; farmer, 1896-; co. agt. leader, Purdue Univ., 1913-8; asst. dir. ext., 1918-. Pres. Ind. Swine Breeders Assoc., 1906; pres. Ind. Corn Growers Assoc., 1908; pres. Ind. Fed. Agrl. Assoc., 1909-12. —*b.* Rushville, Ind., July 29, 1873; *s.* Joseph F. and Emily (Kennedy) C.; reared on farm; *m.* Mary Irene Broaddus, Dec. 28, 1898. Student Purdue Univ., 3 yrs. Sigma Nu.

Colglazier, Harry Clifford, co. agrl. agt., Lawrence, Kans.

b. Salem, Ind., Jan. 27, 1892; *s.* Spencer E. and Cora F. C.; reared on farm; *m.* LaFaun R. Wilkins, Mar. 16, 1919; *c.* Harriett Frances, Harlan Dean. B.S.A., Kans. State Agr. Coll., 1918.

Collier, George Alfred, marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Sch. teach., 4 yrs.; owner and operator country elevator; mem. Cincinnati Hay and Grain Exchange, 1916-8; in chg. grain and hay market news serv., 1918-. (Hay and grain marketing). —*b.* Springfield, O., Feb. 22, 1882; *s.* John and Ellen (Ellis) C.; reared on farm; *m.* Edith M. Weaver, June 4, 1906; *c.* Edith Carmen.

Collier, John S., co. agrl. agt., Kankakee, Ill.

Auth.: Farmers' Account Book, 1915. —*b.* Tipton, Ind., June 25, 1876; *s.* A. B. and Mary E. (Durham) C.; reared on farm; *m.* Lena E. Drayer, 1905. B.S., DePauw Univ., 1904; M.S., Univ. Chicago, 1910; 1 yr. grad. work, Univ. Ill. Sigma Xi.

Collings, Gilbeart Hooper, asst. prof. agron., Clemson Agr. Coll., Clemson College, S. C.

Fellow agron., Univ. Ill., 1916-8; asst. prof. agron. and agron. Exp. Sta., Clemson Agr. Coll., 1918-21; asst. prof., 1921-. —*b.* Crewe, Va., Jan. 13, 1895; *s.* Thos. Jas. and Helen Thomas (Luke) C.; reared in village and country; *m.* Hazel W. Cover, Dec. 9, 1917; *c.* Gilbeart H. Jr., Hazel C. B.S., Va. Poly. Inst., 1915; M.S., Univ. Ill., 1917; Ph.D., Rutgers Univ., 1924.

Collings, Hamilton Banks, co. agrl. agt., Celina, O.

Formerly asst. co. agt. leader, Purdue Univ. (An. husb.). —*b.* Rockville, Ind., May 11, 1893; *s.* Wm. Bion and Laura Belle (Hamilton) C.; reared on farm; *m.* Emma Maude Loveless, June 30, 1918; *c.* Neil Burton, Janice. B.S.A., Purdue Univ., 1918. Sigma Delta Chi; Acacia.

Collingwood, George Harris, ext. for., Off. Coop. Ext. Work and For. Serv., U. S. Dept. Agr., Washington, D. C.

Asst. ext. prof. for., Cornell Univ., 1916-23; present position, 1923-. —*b.* Fayetteville, Ark., May 27, 1890; *s.* Chas. B. and Harriet (Thomas) C.; reared in village; *m.* Jean Grinnell Cummings, Sept. 1, 1916; *c.* Chas. Cummings, Thos. Peeke, Eloise Cummings, Jean Cummings. B.S., Mich. Agr. Coll., 1911; A.M., Univ. Mich., 1917; studied Univ. Munich, 1913-4.

Collingwood, Herbert Winslow, ed.-in-chief Rural New Yorker, Woodcliff Lake, N. J.

Fruit farmer, 1898-. *Ed.*, Southern Live-Stock Journal, Starkville, Miss., 1883-5; ed. Rural New-Yorker, 1885-; ed-in-chief, 1900-. *Auth.*: Andersonville Violets; Fertilizer Farming; The Business Hen; The Child; The Story of Hope Farm; Hope Farm Notes; Adventures In Silence. —*b.* Plymouth, Mass., Apr. 21, 1857; *s.* Joseph W. and Rebecca W. (Richardson) C.; reared on farm; *m.* Lulie D. Sullivan, Apr. 6, 1888; *c.* Ava F. B.S., Mich. Agr. Coll., 1883; LL.D., 1906; D.Agr., Univ. Wis. Delta Tau Delta.

Collins, C. Walter, assoc. ent., Bur. Ent., U. S. Dept. Agr., Gipsy Moth Lab., Melrose Highlands, Mass.

Sec. Amer. Assoc. Econ. Ent.; fellow A. A. A. S. —*b.* Harrington, Del., July 6, 1882; *s.* Geo. Washington and Sarah Pauline (Tharp) C.; reared on farm; *m.* Eva Narcissa Hone, June 4, 1909; *c.* Byron Hone. B.S.A., Univ. Del., 1905; M.S., 1913.

Collins, Edgar Vermont, asst. chief agrl. engin. sect., Ia. Agr. Exp. Sta., Ames, Ia.

Instr. steam and gas engin., Kans. State Agr. Coll., 1915-8; farmer, 4 yrs. —*b.* Albion, Ia., Mar. 12, 1887; *s.* Thos. G. and Mary M. (Carter) C.; reared on farm; *m.* Mary A. Whinery, Jan. 1, 1909; *c.* Stanley A., Mary A., Edgar V. Jr. B.S., Ia. State Coll., 1914. Gamma Sigma Delta.

Collins, Floyd F., co. agrl. agt., Faith, S. D.

b. Cromwell, Ia., Sept. 12, 1887; *s.* Albert Harvey and Hannah Douglas (Gibson) C.; reared in town; *m.* Effie Stenning, Oct. 30, 1918; *c.* Bruce Stenning, Robt. Keith, Harlan Gibson. B.S.A., Ia. State Coll., 1910. Phi Sigma Kappa.

Collins, Guy N., sr. bot. in chg. biophysical invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Mem. Wash. Acad. Sci. Traveled in Africa, Mex., Cent. Amer., W. Indies. (Trop. agr., genetics). —*b.* Farmington, N. Y., Aug. 9, 1872; *s.* Geo. and Maria (Hathaway) C.; reared on farm; *m.* Christine Hudson, Jan. 3, 1902; *c.* Geo. Briggs, Perez Hathaway. Student Univ. Syracuse.

Collins, Hubert Lee, teach. voc. agr., high-sch., Linwood, Kans.

Musician, U. S. Navy, 1917-9. —*b.* Wellsville, Kans., June 10, 1898; *s.* A. D. and Mary (Oneil) C.; reared on farm. B.S., Kans. State Agr. Coll.

Collins, James Homer, manag. Commercial Survey Dept., asst. to pres. and mem. bd. of directors, Chilton Co., publishers, Philadelphia, Pa.

Field asst., Ark. Exp. Sta., 1913-4; sci. asst., Bur. Markets, 1914-5; asst. in market surveys, 1915-6; invest. in market surveys, 1917-9; present position, 1919-. Mem. Highways Transport Com., Council National Defense, 1919-; mem. bd. dir. Nat. Highway Traffic Assoc. and chm. com. on rural motor express. (Rural motor express). —*b.* Fresno, Calif., Jan. 3, 1889; *s.* Chas. S. and Nettie (James) C.; reared in city; *m.* Serena F. Tilton, Dec. 28, 1916. B.S.A., Univ. Ark., 1913.

Collins, Morris William Hollowell, co. agrl. agt., Rome, Ga.

b. Franklin Co., Ind., Mar. 21, 1895; *s.* Harry Lincoln and Ida Olive (Hollowell) C.; reared in town; *m.* Eula D. Thomas, Nov. 29, 1916; *c.* Morris W. H. Jr., H. Richard Fain, Gwendolyn Thomas, John Edward. B.S.A., Univ. Ga., 1916.

Collins, William Olin, assoc. prof. soil chem., Univ. Ga., Athens, Ga.

Instr. soil chem., Univ. Ga., 1916-8; assoc. prof., 1919-. Private Chem. Warfare Serv., Edgewood Arsenal, Md., 1918. —*b.* Douglas Co., Ga., Feb. 23, 1891; *s.* Frank M. and Lura (Peacock) C.; reared on farm. B.S.A., Univ. Ga., 1916. Alpha Zeta.

Collison, Reginald Clifton, agron., N. Y. State Exp. Sta., Geneva, N. Y.

Asst. agrl. chem., Ohio State Univ., 1909; asst. nutr., Ohio Exp. Sta., 1909-12; asst. chem. in soils, N. Y. State Exp. Sta., 1912-4; assoc., 1914-7; agron., 1917-. —*b.* Prospect, O., May 3, 1884; *s.* Chas. E. and Mary E. (Gast) C.; reared on farm. B.S.A., Ohio State Univ., 1908; M.S.A., 1909. Sigma Xi; Alpha Zeta.

Colter, Fred T., agrst. and state senator, Colter, Ariz.

Pres. N. Ariz. Land Co., Cross Bar Cattle Co., Colter Construction and Reservoir Co.; dir. Lyman Water Co.; vice-pres. Stockmans State Bank; pres. Ariz. and Apache Co. Cattle Growers Assoc., Ariz. Highline Reclamation Assoc. Ariz. state senator, 5 terms; nominee for governor; Democratic national committeeman for Ariz., 8 yrs.; state fair comnr.; state sheep sanitary comnr.; mem. bd. superv. Apache Co., 5 yrs. (Reclamation). —*b.* Neutrioso, Ariz., Feb. 2, 1877; *s.* Jas. H. and Rosa (Rudd) C.; reared on ranch.

Colvin, Carl, asst. dir. general and dir. educ., Service Technique Dept. Agr., Port au Prince, Haiti.

Instr. agr., high-sch., Bloomington, Ill., 1912-3; head agrl. dept., Blackburn Coll., 1913-5; E. Ill. Teach. Coll., 1915-8; assoc. agrl. educ., Univ. Ill., 1918-20; state superv. agrl. educ., Ill., 1920-4; present position, 1924-. —*b.* Olney, Ill., Apr. 3, 1889; *s.* W. E. and Lydia Jane

(Jackson) C.; reared on farm; *m.* Helen Schmidt, Dec. 21, 1912. B.S., Univ. Ill., 1912; M.S., 1920. Delta Phi; Alpha Zeta; Phi Delta Kappa; Phi Eta; Alpha Tau Alpha.

Colwell, Rachel Hartshorne, head home econ. dept., Univ. W. Va., Morgantown, W. Va.

Instr. home econ., Mich. Agr. Coll., 1905-6; asst. dept. nutr. and grad. student, Columbia Univ., 1906-8; head dom. sci. dept., Lake Erie Coll., Painesville, O., 1908-10; present position, 1910-. Pres. W. Va. Home Econ. Assoc. Traveled in Europe, 1903. —*b.* Providence, R. I., Jan. 12, 1877; *d.* R. S. and Emily (Hartshorne) C.; reared in city. B.S., Denison Univ., Granville, O., 1903; M.A., Teachers Coll., Columbia Univ., 1905. Phi Beta Kappa.

Combs, Willes Barnes, prof. dairy husb., in chg. dairy products, Univ. Minn., University Farm, St. Paul, Minn.

Asst. dairy husb., Univ. Mo., 1915-7; Rutgers Coll., N. J., 1917-8; asst. prof., Univ. Mo., 1918-9; formerly asst. prof. dairy husb., Penn. State Coll. (Dairy manufactures). —*b.* Memphis, Mo., Dec. 22, 1892; *s.* R. C. and Louise (Barnes) C.; reared in city and country; *m.* Nannie O'Bannon, Sept. 11, 1915; *c.* Louise. B.S.A., Univ. Mo., 1915; M.S., 1917.

Comegys, Eva, home dem. agt., Corvallis, Ore.

Instr. home econ., Seattle, Wash., 1917-21; Ethical Cult. High-Sch., N. Y. City, 1916. Traveled in Europe. —*b.* Kalama, Wash.; *d.* Henry and Sarah (Lysons) C.; reared in town. B.S., Columbia Univ., 1917.

Comer, Harry L., teach. voc. agr., high-sch., Ocheyedan, Ia.

Teach. voc. agr., high-sch., Burlington, Colo., 1921; Milford, Ia., 1923-4; Ocheyedan, 1925-. —*b.* Rocky Ford, Colo., Aug. 5, 1898; *s.* Hartwell and Hannah (Wagoner) C.; reared on farm; *m.* Dorothy Lyngar, Aug. 1920; *c.* Walter Horace. B.S., Colo. Agr. Coll., 1920; M.S., Ia. State Coll., 1922. Alpha Tau Omega; Alpha Zeta.

Comey, Arthur Coleman, lands. arch. and city planner, Abbot Bldg., Harvard Sq., Cambridge, Mass.

Supt. parks, Dixon, Ill., 1908; Utica, N. Y., 1909-10; consultant in city and regional planning, 1911-. Town planner, U. S. Housing Corp., 1918-9. Fellow Amer. Soc. Lands Arch.; mem. bd. govs. Amer. City Planning Inst.; ex-sec. Boston Soc. Lands. Arch.; sec. Mass. Fed. of Planning Bds. Traveled Europe, 1911. *Auth.*: Houston-Tentative Plans, 1912; Regional Planning Theory, 1923. —*b.* Somerville, Mass., Sept. 6, 1886; *s.* Arthur Messenger and Kate (Coleman) C.; reared in city; *m.* Eugenia Jackson, Oct. 2, 1915; *c.* Katherine, Richard Jackson. A.B., Harvard Univ., 1907.

Comish, Newel Howland, prof. econ. and sociol., Ore. Agr. Coll., Corvallis, Ore.

Instr. English and hist., Snowflake Stake Acad., 1911-3; instr. econ. and sociol., Ore. Agr. Coll., 1915-7; asst. prof., 1917-8; assoc. prof., 1918-20; prof., 1920-; prof. Univ. Calif., summer 1924. Farm owner and manag., Franklin, Ida., 1913-. Tech. adv., Coop. Managers Assoc., 1919-; mem. bd. dir., Ore. Agr. Coll Coop. Bookstore, 1916-. *Auth.*: The Standard of Living, 1923. —*b.* Mt. Home, Utah, Jan. 30, 1888; *s.* R. N. and Emma J. (Howland) C.; reared on farm; *m.* Louise Larson, May 8, 1913; *c.* Alison, Elaine, Newel Wm. B.S., Utah Agr. Coll., 1911; student Univ. Chicago, 1913-4; M.S., Univ. Wis., 1915. Phi Kappa Phi; Alpha Kappa Psi.

Compton, David Wroe, co. agrl. agt., Bloomfield, Ia.

Instr. an. husb., Ill. State Sch. for Boys, 1917; asst. live-stock and meats, U. S. Dept. Agr., 1918-9; farmer, Ill., 1912-7; Ind., 1920-2. Served in Machine Gun Corps, U. S. Army, 1919.—*b.* Stuart, Ia., Oct. 28, 1889; *s.* Wm. L. and Cora (Beezley) C.; reared on farm and in town; *m.* Fern Ella Deits, Mar. 8, 1915; *c.* Frances Ellen, Robt. Edson. B.S.A., Ia. State Coll., 1912. Alpha Zeta.

Comstock, Anna Botsford, emeritus prof. nature-study, Cornell Univ., Ithaca, N. Y.

Asst. prof. ext. work in nature-study, Cornell Univ., 1899-; asst. prof. nature-study, 1913-20; prof., 1920-2; emeritus, 1922-; lect. Stanford Univ., 1899-1900. Awarded bronze medal for wood engraving, Buffalo Expos., 1901. *Auth.*: Ways of the Six-Footed; How to Know the Butterflies; How to Keep Bees; Confessions to a Heathen Idol, 1906; Handbook of Nature-Study, 1911; The Pet Book, 1914; Bird, Tree and Plant Note-books, 1914. *Ed.*, Nature-study Review, 1917-. —*b.* Otto, N. Y., Sept. 1, 1854; *d.* Marvin and Phebe (Irish) Botsford; *m.* John Henry Comstock, Oct. 7, 1878. Grad. Chamberlain Inst., Randolph, N. Y., 1873; Cornell Univ., 1878.

Comstock, Helen L., co. club agt., Dover, Del.

With Md. State Coll., 1915-7; Cornell Univ., 1917-8; present position, 1918-. —*b.* Watkins, N. Y., June 17, 1892; *d.* Israel W. and Ida (Remer) C.; reared on farm. B.S., Cornell Univ., 1915.

Comstock, John Henry, prof. ent. emeritus, Cornell Univ., Ithaca, N. Y.

Instr. ent., Cornell Univ., 1875-7; asst. prof., 1877-8; U. S. ent., Washington, 1879-81; prof. ent. and invertebrate zool., Cornell Univ., 1882-1914; prof. emeritus, 1914-. Lect. zool., Vassar Coll., 1877; non-resident prof. ent., Stanford Univ., 1891-1900. Del. from Cornell Univ. to 250th anniversary of Royal Soc., London. Hon. fellow Ent. Soc. Amer.; hon. fellow Ent. Soc. London; hon. mem. Societe Entom. de Belgique. *Auth.*: A Manual for the Study of Insects, 1896; Insect Life, 1897; How to Know the Butterflies (with his wife) 1904; The Spider Book, 1912; The Wings of Insects, 1918; An Introduction to Entomology, 1924. —*b.* Jaynesville, Wis., Feb. 24, 1849; *s.* Ebinezer and Susan (Allen) C.; reared partly on farm; *m.* Anna Botsford, Oct. 7, 1878. B.S., Cornell Univ., 1874; grad. student Yale Univ., 1874-5, Univ. Leipzig, 1888-9. Delta Upsilon.

Conant, Gertrude Edith, state nutr. specialist, Univ. Ark., 310 Donaghey Bldg., Little Rock, Ark.

Instr. home econ., Milwaukee-Downer Coll., 1907-12; dir. home econ., Lenox Hall, St. Louis, 1912-4; present position, 1918-. —*b.* Waupun, Wis., Jan. 21, 1872; *d.* Wm. L. and Agnes M. (Frazier) C.; reared on farm. Grad. Milwaukee-Downer Coll., 1905; B.S., Columbia Univ., 1918.

Condit, Ira Judson, hort., Fresno, Calif.

Flor., Ohio State Univ., 1905-6; sci. asst., Bur. Ent., U. S. Dept. Agr., 1906-7; instr. bot. and hort., Calif. Poly. Sch., San Luis Obispo, 1907-12; instr. citriculture, Univ. Calif., 1913-5; asst. prof., 1915-9; hort. J. C. Forkner Fig Gardens, Fresno, 1919-20; hort. Calif. Peach and Fig Growers, Fresno, 1920-4. —*b.* Jersey, O., Nov. 18, 1883; *s.* Daniel Day and Clara Jane (Spayde) C.; reared on farm and in small town; *m.* Caroline Callender, June, 1912. B.S., Ohio State Univ., 1905.

Condra, George Evert, prof. geography and conservation, Univ. Neb., Lincoln, Neb.

Head dept. sci., Lincoln Normal Sch., 1892-6; head dept. sci., Lincoln high-sch., 1896-1902; instr. geography and econ. geol., Univ. Neb., 1902-3; asst. prof., 1903-4; assoc. prof., 1904-5; prof., 1905-; head dept., 1908-12; present title, 1912-. Prof. geography, Cornell summer sessions, 1905-11; asst. state geologist, 1902-10; dir. Neb. Conservation and Soil Survey, 1910-. Pres. Neb. Conservation and State Development Congress, 1910; chm. Nat. Conservation Comn., 1908-13; exec. sec. Neb. Conservation and Welfare Comn.; chm. state Highway Comn., 1915; pres. Nat. Assoc. State Conservation Comnrs., 1910-3; mem. Neb. Rural Life Comn., 1910-2; chm. exec. com. Nat. Conservation Congress, 1915-6; pres., 1916-. Pres. Neb. Acad. Sci., 1909-11. *Auth.*: Geography of Nebraska, 1906. —*b.* Seymour, Ia., Feb. 2, 1869; *s.* I. N. and Mary (Keller) C.; reared on farm; *m.* Hattie M. Davenport, Aug. 12, 1893; *c.* Cordelia. B.S., Univ. Neb., 1896; A.M., 1898; Ph.D., 1903. Sigma Xi; Sigma Chi; Alpha Zeta.

Cone, Willard Ray, prof. soils and field crops, N. Y. State Sch. Agr., Alfred, N. Y.

Princ. high-schs., Blasdell, N. Y., 1902-4; Orchard Park, 1904-7; Silver Springs, 1907-12; Edmeston, 1915-7; present position, 1917-. —*b.* Hornell, N. Y., Apr. 10, 1874; *s.* Eleazer T. and Mary E. (Goff) C.; reared on farm; *m.* Eva E. Hill, Jan. 21, 1916. B.S., Cornell Univ., 1915; M.S., 1922.

Conger, Clayton Wallace, teach. voc. agr., high-sch., Nicollet, Minn.

b. Mora, Minn.; *s.* L. E. and Myrtle C.; reared in town. B.S., Univ. Minn., 1924.

Conklin, Clifford Tremain, asst. prof. an. husb., Ohio State Univ., Columbus, O.

Ext. specialist an. husb., Ohio State Univ., 1916-7; instr., 1917-9; asst. prof., 1919-. Contr. to Book of Rural Life. (Dairy cattle production and meats). —*b.* Struthers, O., July 18, 1890; *s.* Wm. T. and Isabelle (Bidwell) C.; reared on farm; *m.* Ora Kistler, June 3, 1913; *c.* Clifford T. Jr., Richard Kistler, Martha Jean. B.S.A., Ohio State Univ., 1916.

Conley, Paul Booker, teach. voc. agr. and princ. high-sch., Crockett Mills, Tenn.

b. Alamo, Tenn., July 11, 1900; *s.* Robt. and Eva (Cook) C.; reared on farm; *m.* Eleanor Williams, Jan. 3, 1923; *c.* P. B. Jr. B.S., Univ. Tenn., 1923. Phi Sigma Kappa.

Conn, Harold Joel, chief in res. in bact. (soils), N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. soil tech., Cornell Univ., 1908-11; assoc. bact., N. Y. Agr. Exp. Sta., 1911-20; chief in res., 1920-. Chm. com. on bact. technic, Soc. Amer. Bact., 1920-. *Asst. ed.,* Abstracts of Bacteriology, 1919-. —*b.* Middletown, Conn., May 28, 1886; *s.* Herbert W. and Julia M. (Joel) C.; reared in small city; *m.* Anna Carter Mansfield, Jan. 5, 1916; *c.* Jean Elizabeth, Herbert Wm. Ph.B., Wesleyan Univ., 1908; Ph.D., Cornell Univ., 1911. Phi Beta Kappa; Sigma Xi; Beta Theta Pi.

Connelly, Joe Turner, teach. agr., high-sch., Marshall, Ill.

Present position, 1923-. 2d Lieut. U. S. Army, 1917-9. Sec. Clark Co. School Masters Club. —*b.* Westfield, Ill., May 13, 1891; *s.* Oscar and Belle (Ashmore) C.; reared on farm; *m.* Lillie Prather, Sept. 1, 1923. B.S., Univ. Ill., 1923. Alpha Tau Alpha; Sigma Delta Sigma.

Conner, Samuel Dicken, assoc. chem. in soils and crops, Ind. Exp. Sta., La-Fayette, Ind.

Deputy state chem., Purdue Univ., 1899-1905; asst. agrl. chem., 1905-8; asst. prof., 1908-12; present position, 1912-. Fellow A. A. A. S. —*b.* Connersville, Ind., June 17, 1872; *s.* Henry Dicken and Rebecca (Vance) C.; reared on farm; *m.* Jessie Louise Cowing, June 21, 1909; *c.* Dickens, Jean Louise, Arthur Cowing. B.S., Purdue Univ., 1894; M.S., 1903. Sigma Xi.

Connor, Louis George, special expert, U. S. Tariff Comn., Washington, D. C.

Historic and econ. res. in agr., U. S. Dept. Agr., 1912-; detailed to U. S. Tariff Comn., 1919-. In U. S. Army, A. E. F., 1917-9. —*b.* Annandale, Va., Apr. 13, 1884; *s.* Wm. S. and Emeline (Mercer) C.; reared on farm and in city. B.S., Wesleyan Univ., 1910; M.S.A., Cornell Univ., 1912; M.S., Wesleyan Univ., 1913; Ph.D., Geo. Washington Univ., 1917.

Connors, Charles Henry, assoc. in plant-breeding, N. J. Agr. Exp. Sta., New Brunswick, N. J.

Asst. in expl. hort., N. J. Agr. Exp. Sta., 1913-20; assoc. plant-breeding, 1920-; instr. flor., Rutgers Univ., 1925-. Pres. Dahlia Soc. of N. J., 1924-5. (Breeding peaches and carnations). —*b.* New Brunswick, N. J., July 2, 1884; *s.* Wm. H. and M. Matilda (Steinert) C.; *m.* Jennie R. Wark, Oct. 10, 1916; *c.* Roberta Elizabeth. B.S., Rutgers Coll., 1913. Sigma Xi.

Conrey, Guy Woolard, asst. prof. soils, Ohio State Univ., Columbus, O.

Asst. chem., Simpson Coll., 1906-7; asst. chem., Univ. Mich., 1908-9; asst. Wis. Geol. and Nat. Hist. Survey, 1909-17; instr. soils, Univ. Wis., 1914-7; instr. soils, Ohio State Univ., 1917-21; asst. prof., 1921-; asst. soils, Exp. Sta., 1917-; in chg. O. Soil Survey, 1920-. Pres. Amer. Soil Survey Assoc., 1925. Fellow

O. Acad. Sci. —*b.* Northboro, Ia., Dec. 10, 1887; *s.* Abraham Franklin and Florence Estella (Woolard) C.; reared in town; *m.* Antonette F. Ammel, Dec. 15, 1912; *c.* Marion Frances, Josephine Charlyne. A.B., Univ. Mich., 1908; M.A., 1909; Ph.D., Ohio State Univ., 1921. Sigma Xi; Phi Lambda Upsilon; Alpha Zeta; Alpha Tau Omega.

Conser, Charles Calvin, farmer, Plevna, Mont.

Instr. sci., high-sch., Windom, Minn., 1903-5; supt. city schs., Elk River, 1905-11; farmer, Mont., 1911-. State rep. in Legislature, 1919-22; state senator, 1922-6; mem. advisory council, Mont. State Coll.; dir. Mont. State Tax Assoc. Pres. Fallon Co. Farm Bur., 1920-3; pres. Farmers Coop. Assoc., Plevna, 1916-25. —*b.* near Sand Spring, Ia., Feb. 20, 1875; *s.* Eli Potter and Rebecca (Poole) C.; reared on farm. B.A., Univ. Minn., 1903.

Converse, Henry Thomas, asst. dairy husb., U. S. Dept. Agr., Bur. Dairying Exp. Sta., Beltsville, Md.

Dairy herdsman, Univ. N. H., 1909-10; dairy husb., U. S. Dept. Agr. and Clemson Agr. Coll., 1915-9; present position, 1919-. —*b.* Amherst, N. H., Apr. 27, 1889; *s.* Luther B. and Nellie (Conrey) C.; reared on farm; *m.* Elsie May Lewis, June 8, 1914; *c.* Henry T. Jr., Luther L., Elinor May. B.S., Univ. N. H., 1910. Alpha Zeta.

Conway, Thomas James, distr. manag. Buckeye Incubator Co., Pasadena, Calif.

Poultry husb., Tex. Exp. Sta., 1914-5; asst. prof., Tex. A. & M. Coll., 1915-7; assoc. prof., 1917-21; prof., 1921-3; manag. Great Eight Poultry Farm, Carlyle, Ill., 1923-4; present position, 1924-. —*b.* Ithaca, N. Y., July 20, 1892; *s.* Michael and Catherine (Breen) C.; reared in city; *m.* Minnie Braatz, June 7, 1917 (d. 1923); *c.* Edward Thos. B.S., Cornell Univ., 1914.

Conway, William Thomas, asst. prof. agron. and asst. agron. Exp. Sta., N. Mex. A. & M. Coll., State College, N. Mex.

Princ. high-sch. and city supt., Ardmore, Okla., 1905-6; Sulphur, 1906-9; Wynnewood, 1910-1; with N. Mex. A. & M. Coll., 1911-; state leader and organizer boys and girls clubs, 1914-20. —*b.* Clark Co., Ark., June 5, 1866; *s.* Sylvanus Gibson and Sarah Jane (Thomas) C.; reared on farm; *m.* Mamie Reinhardt, June 2, 1895; *c.* Harry R. A.B., Ouachita Baptist Coll., Arkadelphia, Ark., 1894; B.S., Okla. A. & M. Coll., 1910.

Cook, Albert Baldwin, farmer, Owosso, Mich.

State senator, 4 yrs. Pres. Bean Growers Assoc.; pres. State Assoc. Farmers Clubs. —*b.* E. Lansing, Mich., Aug. 11, 1873; *s.* Albert John and Mary (Baldwin) C.; reared in village; *m.* Fannie Hanchett Carruthers, Oct. 12, 1900; *c.* Albert B. Jr., Mary Francis, John Carruthers. B.S., Mich. Agr. Coll.

Cook, Allen, teach. agr. and supt. Sunflower Consolidated Sch., Mitchell, Neb.

Sergeant Inf., A. E. F. —*b.* Lowell, Neb., Dec. 12, 1899; *s.* C. Allen and Mary S. (Rogers) C.; reared on farm; *m.* Marguerite L. George, Aug. 14, 1924. B.S.A., Univ. Neb., 1924. Alpha Zeta; Gamma Sigma Delta.

Cook, Charles B., farmer, R No. 1, Owosso, Mich.

Asst. zool., Mich. Agr. Coll., 1888-91; farmer Oswego, N. Y., 5 yrs.; Owosso, Mich., 22 yrs.; ext. work, Mich. Agr. Coll., 1913-23. Pres. State Hort. Soc., 2 yrs.; pres. State Assoc. Farmers Clubs. —*b.* Owosso, Mich., June 17, 1868; *s.* E. J. and Anna (Benjamin) C.; reared on farm; *m.* Addie D. McGillvra, Nov. 1897. B.S., Mich. Agr. Coll., 1888; M.S., 1891.

Cook, Leon Emory, prof. voc. educ., N. C. State Coll., Raleigh, N. C.

Teach. agr., high-sch., Worcester, N. Y., 1914-6; princ., 1915-6; asst. rural educ., Cornell Univ., 1916-7; assoc. prof. voc. educ., N. C. State Coll., 1917-9; prof. and head dept., 1919-. —*b.* Greenwood, N. Y., Feb. 3, 1883; *s.* Emory Z. and Flora B. (Wood) C.; reared on farm; *m.* Elizabeth J. Kaple, June 12, 1907; *c.* Dorothy Evelyn, Elizabeth Carolina. A.B., Cornell Univ., 1913; B.S.A., 1914; M.S.A., 1917. Phi Delta Kappa.

Cook, Melville Thurston, plant path., Insular Exp. Sta., Rio Piedras, Porto Rico.

Princ. high-sch., Vandalia, Ill., 1894-5; prof. biol., DePauw Univ., 1895-1904; plant path., Cuban Exp. Sta., 1904-6; plant path., Del. Exp. Sta., 1906-11; plant path., N. J. Exp. Sta. and prof. Rutgers Coll., 1911-23; present position, 1923-. Vice-pres. (1916) and pres. (1917) Amer. Phytopathol. Soc.; sec. Sect. G. (Bot.), A. A. A. S., 1918-. *Auth.*: Diseases of Tropical Plants, 1913; Applied Economic Botany; College Botany. Mem. editorial bd., Phytopathology. —*b.* Coffeen, Ill., Sept. 20, 1869; *s.* W. H. and Elizabeth Frances (Robinson) C.; reared on farm; *m.* Dora Reavill, Sept. 8, 1897; *c.* Harvey Reavill, Harold Thurston, Elizabeth. A.B., Stanford Univ., 1894; A.M., DePauw Univ., 1902; Ph.D., Ohio State Univ., 1904. Phi Beta Kappa; Sigma Xi; Delta Upsilon.

Cook, Orator Fuller, sr. bot., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Chg. dept. biol., Syracuse Univ., 1890-1; prof. nat. sci., Liberia Coll., Africa, 1891-7, pres., 1896-7; custodian and asst. curator, U. S. Nat. Museum, 1898-; special agt. in chg. plant importation, U. S. Dept. Agr., 1898-1900; in chg. invest. trop. agr., 1900-; prof. bot., Geo. Washington Univ., 1904. Sci. expeditions to Africa, Cent. and S. Amer., Hayti, China. —*b.* Clyde, N. Y., May 28, 1867; *s.* Orator F. and Eliza (Hookway) C.; reared on farm; *m.* Alice Carter, Oct. 11, 1892; *c.* Samuel, Robt., Elizabeth, Helen. Ph.B., Syracuse Univ., 1890.

Cooke, Cora E., ext. specialist in poultry, Univ. Minn., University Farm, St. Paul, Minn.

Present position, 1921-. —*b.* Lowville, N. Y., Nov. 6, 1895; *d.* Oscar H. and Ida (Dolloff) C.; reared on farm. B.S., Cornell Univ., 1920.

Cookingham, Waldo Beale, poultry farmer, Phelps, N. Y.

Asst. teach. agr., high-sch., Interlaken, N. Y., 1916; teach. agr., high-sch., N. Cohocton and Atlanta, 1917-8; dairy instr., Vail Agrl. Sch., Lyndonville, Vt., 1918-9; superv. agr., State Bd. Educ., Concord, N. H., 1920-1; farmer, Ellenville, N. Y., 1921-4, Phelps, 1924-. —*b.* Poughkeepsie, N. Y., July 2, 1894; *s.* Russell T. and Carrie (Beale) C.; reared on farm. B.S., Cornell Univ., 1916; grad. student, 1919. Alpha Gamma Rho.

Cooley, Abraham Coon, agrst. in chg. Off. of Demonstration on U. S. Reclamation Projects, U. S. Dept. Agr., Salt Lake City, Utah.

Prof. agr., Jordan high-sch., 1911-2; Ogden high-sch., 1912-3; co. agrl. agt., San Luis Valley, Colo., 1913-4; dir. ext. and co. agt. leader, N. Mex. A. & M. Coll., 1914-9. Del. Nat. Irrig. Congress, Nat. Dry-Farming Congress. Traveled in Europe 3 yrs. —*b.* Salt Lake City, Utah, June 16, 1884; *s.* Andrew Wood and Rachel Caroline (Coon) C.; reared on farm; *m.* Lucille Jensen, Nov. 19, 1913; *c.* Rachel Adline, Estelle Jensen. B.S.A., Utah Agr. Coll., 1911. Delta Theta Sigma.

Cooley, Jacquelin Smith, assoc. plant path., U. S. Dept. Agr., Washington, D. C.

Asst. path., Va. Agr. Exp. Sta., 1911-2; present position, 1914-. —*b.* Middletown, Va., July 24, 1883; *s.* Smith W. and Lilah (Wright) C.; reared on farm; *m.* Nellie Graham, Nov. 28, 1914; *c.* Eleanor G., Jacquelin Stuart. A.B., Randolph-Macon Coll., 1906; M.S., Va. Poly. Inst., 1911; Ph.D., Washington Univ., 1914.

Cooley, Louis A., manag. Atlantic Coast Poultry Producers Assoc., 68 Laurel Pl., Trenton, N. J.

Agrl. agt. Ocean Co., N. J., 1917-9; Gloucester Co., 1919-23; sec. N. J. Farm Bur., 1923-4; present position, 1924-. Mem. comn. appointed by Legislature to study gasoline tax in N. J., 1924; vice-pres. Atlantic State Shippers Advisory Bd. —*b.* Mercier Co., N. J., June 11, 1893; *s.* Wm. A. and Catherine F. (Freeland) C.; reared in town; *m.* Lillian B. Parent, Nov. 1917. B.Sc., Rutgers Coll., 1917. Zeta Psi.

Cooley, Robert Allen, state ent. and prof. ent., Mont. State Coll., Bozeman, Mont.

Asst. ent., Mass. Exp. Sta., 1895-9; prof. ent. and ent. Exp. Sta., Mont. State Coll., 1899-; Mont. state ent., 1903-. Fellow A. A. A. S. Sec. Mont. State Bd. Ent., 1913-; pres. Amer. Assoc. Econ. Ent., 1917. (Diaspinae). —*b.* S. Deerfield, Mass., June 27, 1873; *s.* Alfred A. and Charlotte M. (Clapp) C.; reared on farm; *m.* Edith M. Cooley; *c.* Charlotte, Genevieve. B.Sc., Mass. Agr. Coll., 1896. Phi Sigma Kappa.

Cooley, Roy Bristol, asst. prof. an. husb., Purdue Univ., LaFayette, Ind.

Ed. R. I. Farm Bur. News, 1917-9. Sec. Ind. Stallion Enrollment Bd.; sec.-treas. Nat. Assoc. Stallion Registration Bds.; sec.-treas. Ind. Draft Horse Breeders Assoc. —*b.* Belleville, Ont., Dec. 11, 1886; *s.* John and Emma (MacTaggart) C.; reared on farm; *m.* Jennie Koehler, July 27, 1916; *c.* Robt., Mary, Catherine, Donald. B.S.A., Ont. Agr. Coll., 1910.

Coons, George Herbert, assoc. prof. bot. and plant path., Mich. State Coll., E. Lansing, Mich.

Adj. prof. bot., Univ. Neb., 1909-10; present position, 1910-. —*b.* Bloomington, Ill., Nov. 2, 1885; *s.* G. W. and Susan Elizabeth (Irwin) C.; reared on farm; *m.* Myrta A. Vogel, 1908; *c.* Myrta Susan. A.B., Univ. Ill., 1908; A.M., Univ. Neb., 1911; Ph.D., Univ. Mich., 1915. Sigma Xi; Gamma Alpha.

Cooper, Gordon Dare, lands. arch., 4614 Prospect Ave., Cleveland, O.

Pres. Ohio-Mich. chapter, Amer. Soc. Lands. Arch. *Auth.*: (with A. D. Taylor) The Complete Garden, 1921. (Plant ecology). —*b.* Auburn, N. Y., Sept. 13, 1883; *s.* Geo. W. and Alice M. (Dare) C.; reared in city and on farm; *m.* Violet Selfe, Sept. 22, 1914. B.S.A., Cornell Univ., 1907.

Cooper, Herbert Press, asst. prof. agron., Cornell Univ., Ithaca, N. Y.

Instr., Penn. State Coll., 1915-8; asst. prof., Mass. Agr. Coll., 1918-20; instr., Cornell Univ., 1920-2; asst. prof., 1922-. —*b.* Ridgeway, S. C., Feb. 18, 1887; *s.* Mars L. and Isabel (Smith) C.; reared on farm. B.S., Clemson Agr. Coll., 1911; M.S., Univ. Wis., 1916; Ph.D., Cornell Univ., 1922. Sigma Xi.

Cooper, John Ralph, prof. and head dept. hort., Univ. Ark., Fayetteville, Ark.

Asst. hort., Kans. State Agr. Coll., 1912; asst. prof. hort., Univ. Neb., 1912-6; assoc. prof., 1916-8; present position, 1918-. —*b.* Washington, Ia., Apr. 18, 1884; *s.* Joseph and Laura Annis (Morgan) C.; reared on farm; *m.* Lillian Leonora Ware, June 15, 1913. B.S., Kans. State Agr. Coll., 1912; M.S., Univ. Neb., 1917. Sigma Xi; Alpha Zeta; Pi Kappa Alpha.

Cooper, Lawrence Melville, teach. voc. agr., high-sch., Sutton, W. Va.

Teach. sci., Clay Co. High-Sch., 1921-2; present position, 1922-. —*b.* S. Boston, Mass., Mar. 19, 1899; *s.* Geo Francis and Angelia Lawrence (Jordan) C.; reared in city and on farm. B.S., Mass. Agr. Coll., 1921. Alpha Gamma Rho.

Cooper, Madison, ed. and pub., Calcium, N. Y.

In cold storage business, 4 yrs.; refrigerating engin., 20 yrs.; farm owner. Treas. Amer. Gladiolus Soc., 6 yrs. *Auth.*: Practical Cold Storage, 1916. *Ed.*, Flower Grower. —*b.* Evans Mills, N. Y., Mar. 19, 1868; *s.* Madison and Diana (Benoit) C.; reared on farm and in village; *m.* Clara Matteson, 1889; *c.* Daniel C., Wm., Madison.

Cooper, Roswell D., farmer, Little Falls, N. Y.

Pres. Dairymens League Inc., 1916-20; ex. vice-pres. Nat. Milk Producers Fed.; dir. Little Falls Dairy Co., 1914-22; dir. Montgomery Dairymens League Coop. Assoc., 1919; dir. and ex.-pres. Dairymens League Coop. Assoc., 1920; organizer and dir. Grange League Fed. Exchange; dir. and mem. exec. com. Nat. Bd. Farm Organizations, 1918-20; ex. mem. council, Amer. Assoc. for Agrl. Legislation. Mem. N. Y. State Food Supply Comn., 1917; mem. Gov. Smith's Milk Comn., 1919; chm. Conference of N. Y. Farm Organizations, 1920. Dir. and vice-pres.

Standard Allied Products Corp.; organizer and dir. Temple of Agr., Washington. —*b.* Little Falls, N. Y., Mar. 27, 1877; *s.* Benj. W. and Helen A. (Brown) C.; reared on farm; *m.* Marguerite L. Allen, Oct. 10, 1914; *c.* Allen, Walter W., Roswell D. Jr. A.B., Williams Coll., 1900. Zeta Psi.

Cooper, Thomas Poe, chief Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Statistical agt., Minn. Exp. Sta., 1902-7; special agt., Bur. Statistics, U. S. Dept. Agr., 1902-7; asst. farm manag., instr. agrl. econ., Univ. Minn., 1908-11; asst. chg. dem. farms, 1910-1; sec. Better Farming Assoc. of N. D., 1912-3; dir. ext. and Exp. Sta., N. D. Agr. Coll., 1914-7; dean Coll. Agr. and dir. Exp. Sta., Univ. Ky., 1918-25; present position, 1925-. Pres. Bd. of Farmers Insts., N. D., 1914-7; vice-chm., Ky. State Bd. Agr. and Ky. State Live-Stock Sanitary Bd.; mem. Ky. State Park Comn. Fellow A. A. A. S. (Farm manag., agrl. econ.). —*b.* Pekin, Ill., Mar. 2, 1881; *s.* J. R. and Sue B. (Poe) C.; reared on farm; *m.* Essie M. Burgan, 1912. B.S.A., Univ. Minn., 1908. Sigma Xi; Alpha Zeta; Acacia.

Cooper, Williamson Lee Jr., instr. agr. and supt. Stuart Robinson Sch., Blackey, Ky.

Supt. public schs., Mebane, N. C., 1911-3; supt. high-sch., Glade Valley, 1913-4; Elise, 1914-5; Glade Valley, 1915-8; Alexander Wilson, Graham, N. C., 1918-25; present position, 1925-. Sec. Co. Cotton Coop. Assoc. —*b.* Graham, N. C., July 11, 1889; *s.* Williamson L. and Geneva Anne (Albright) C.; reared on farm; *m.* Lilian Norwood Murray, Aug. 20, 1913; *c.* Lillian, Billy, Mary Louise, Jas. Murray. A.B., Univ. N. C., 1911.

Cope, Francis Reeve Jr., dairyman and fruit-grower, Dimock, Pa.

Exec. sec. Civil Serv. Reform Assoc. of Pa., 1904-5; organizer and mem. exec. com., Susquehana Co. Farm Bur.; organizer and pres. Susquehana Co. Interchurch World Movement; pres. Susquehana Co. Hist. Soc. and Free Library Assoc.; appointed by Gov. Pinchot mem. Penn. State Council of Educ., 1924-. —*b.* Philadelphia, Pa., Aug. 9, 1878; *s.* Alexis Thos. and Elizabeth (Stewardson) C.; reared on farm: *m.* Evelyn Flower Morris, Oct. 13, 1903; *c.* Theodora Morris. A.B., Haverford Coll., 1900; A.B., Harvard Univ., 1901; A.M., 1902; Robt. Treat Paine fellow, 1902-3; hon. John Harvard fellow, 1903-4.

Cope, Joshua Alban, asst. ext. prof. for., Cornell Univ., Ithaca, N. Y.

Instr. nature-study, for. and French, Westtown Sch., Pa., 1916-7; asst. state for., Md., 1917-24. —*b.* Hatboro, Pa., Dec. 31, 1887; *s.* Oliver Wilson and Ann H. (Kite) C.; reared on farm and in town; *m.* Edith L. Cary, Aug. 28, 1917; *c.* Harold C., Jas. B., Mary Elizabeth. B.S., Haverford Coll., 1912; M.F., Yale Univ., 1914. Phi Beta Kappa.

Cope, Ralph P., prof. agrl. chem., Wash. State Coll., Pullman, Wash.

Prof. sci., Western Union Coll., 1911-2; present position, 1912-. (Soils and fertilizers). —*b.* Hanoverton, O., July 12, 1885; *s.* John A. and Emma (Pearce) C.; reared on farm; *m.* Mary B. Deems, Aug. 6, 1913; *c.* Dorothy Lee. B.S., Ill. Wesleyan Univ., 1910; grad. student Univ. Chicago, 1910-1; B.S., Wash. State Coll., 1919; M.S., 1919. Sigma Alpha Epsilon.

Copeland, Edwin Bingham, farmer and experimenter, Chico, Calif.

Asst. prof. bot., Ind. Univ., 1897-8; State Normal Sch., Chico, Calif., 1899; asst. prof. bot., W. Va. Univ., 1899-1900; prof., 1900-1; instr. bot., Stanford Univ., 1902-3; bot., Philippine govt., 1903-8; supt. Philippine Agr. Sch., 1908-9; dean Coll. Agr., Univ. Philippines, 1909-17. Fellow A. A. A. S. *Auth.*: Philippine Agriculture, 1908; The Cocoanut, 1914, 2d ed., 1920; Rice, 1924. Former *assoc. ed.*, Mexican Journal of Tropical Agriculture and Philippine Journal of Science. (Rice, coconuts). —*b.* Monroe, Wis., Sept. 30. 1873; *s.* Herbert Edson and Alice (Bingham) C.; *m.* Ethel Faulkner, Dec. 19, 1900; *c.* Herbert F., Mary F., Alice B., Chas. F., John B. A.B., Stan-

ford Univ., 1895; Ph.D., Univ. Halle, 1896. Phi Gamma Delta; Sigma Xi.

Copeland, John Thomas, ext. agrl. engin., Miss. A. & M. Coll., Agricultural College, Miss.

Instr. farm mech., Colo. Agr. Coll., and agrl. instr. and res. in field crops, Ft. Lewis Sch. Agr., Hesperus, Colo., 1915-7; assoc. prof. chg. farm mech., Colo. Agr. Coll., 1918; co. agrl. agt., W. Va., 1919; present position, 1920-. Candidate officer, Camp Zachary Taylor, Louisville, Ky. —*b.* Indianapolis, Ind., 1891; *s.* Frank and Mary Frances (Thornberry) C.; reared on farm. B.S., Purdue Univ., 1915.

Corbett, Lee Cleveland, sr. hort. in chg. hort. invest., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Cornell Univ. Exp. Sta., 1891-3; prof. hort. and for., S. D. State Coll., 1893-5; W. Va. Univ., 1895-1901; hort., U. S. Dept. Agr., 1901-13; asst. chief Bur. Plant Ind., 1913-5; present position, 1915-. Fellow A. A. A. S.; mem. Washington Acad. Sci. *Auth.*: Garden Farming, 1913; Intensive Agriculture, 1913. —*b.* Schuyler Co., N. Y., Oct. 21, 1867; *s.* J. Wallace and Lucia M. (Gabriel) C.; reared on farm; *m.* Evelyn Lovenia Northrup, Mar. 23, 1893; *c.* Ruth, Frances, Roger Bailey, Laurence Ward, Thurston Lee. B.S., Cornell Univ., 1890; M.S., 1896; D.Agr., Univ. Md., 1921.

Corbett, Louis L., asst. agrst., U. S. Dept. Agr., Blissfield, Mich.; May 27, 1875-Feb. 8, 1921. See Rus 1920.

Corbett, Virgil Payne, prof. hort., A. & M. Sch., Madison, Ga.

Princ. high-sch., 1915-7; teach. agr., Startown Farm Life Sch., Newton, N. C., 1917-8; present position, 1919-. Served in U. S. Army, 1918. —*b.* Wedefield, S. C., July 6, 1894; *s.* J. R. and Mittie (Cecil) C.; reared on farm; *m.* Georgia Marguerite Welborn, June 10, 1920; *c.* Cecil Welborn. B.S., Clemson Agr. Coll., 1915.

Corbin, Arthur Foster, teach. voc. agr., State Indian Normal Sch., Pembroke, N. C.

Prospector in Hudson Bay, Wash., B.C. —*b.* Bridgeport, Conn., Aug. 25, 1867; *s.* Amasa and Alice Anna (Thorpe) C.; reared on farm and in village. Grad. State Normal Sch., Cortland, N. Y.

Corcoran, John B., asst. dir. voc. educ. in chg. high-sch. agr. city schs., 3917 Harvard Blvd., Los Angeles, Calif.

Div. superv. ind. educ., Philippines, 1903-6; superv. agrl. and ind. work, State Normal Sch., New Paltz, Calif., 1907-11; head agr., State Normal, Fresno, 1911-3; manag. ranch, 1915-24; teach. nature-study and agr., Univ. S. Calif. Traveled in Europe, Africa, Orient, Mex. —*b.* Millers, N. Y., Oct. 21, 1889; *s.* Katherine C.; reared on farm; *m.* Mildred Linendoll, June 1913; *c.* Helen. B.S., Univ. Chicago, 1909; student Univ. Calif., Univ. Minn.

Cordley, Arthur Burton, dean Coll. Agr., Ore. Agr. Coll., Corvallis, Ore.

Asst. ent., Mich. Agr. Coll., 1888-90; asst. ent., Vt. Exp. Sta., 1890-1; asst. ent., U. S. Dept. Agr., 1891-3; farmer, 1893-5; prof. zool. and ent. Exp. Sta., Ore. Agr. Coll., 1895-; dean Coll. Agr., 1907-; dir. Exp. Sta., 1914-20. —*b.* Pinckney, Mich., Feb. 11, 1864; *s.* Chas. and Esther (Hicks) C.; *m.* Mary Celia McLouth, July 5, 1893. B.S., Mich. Agr. Coll., 1888; M.S., 1901; D.Sc., 1917. Phi Delta Theta; Gamma Alpha; Gamma Sigma Delta.

Corkins, Clifford Leon, head dept. ent. and apiculture, Univ. Wyo., Laramie, Wyo.

Asst. state ent., Colo. Agr. Coll., 1920-3; present position, 1923-. Sec. Wyo. Beekeepers Assoc. Served in U. S. Aerial Photography, 1917-9. (Systematic Orthopterology). —*b.* Parker, S. D., Apr. 18, 1896; *s.* Wm. W. and Theodosia (Sheppard) C.; reared on farm; *m.* Bess Barbara Philips, Apr. 30, 1920; *c.* John Philips. B. S., Mont. State Coll., 1920; M. S., Colo. Agr. Coll., 1923. Phi Kappa Phi; Alpha Zeta.

Corman, John Wilson, superv. agr., Joint Consolidated Sch., Unionville, Pa.

Farm manag., 1917-20. —*b.* Rebersburg, Pa., July 13, 1898; *s.* Daniel and

Sarah C.; reared on farm. B.S., Penn. State Coll., 1923. Lambda Chi Alpha.

Cormany, Charles Evans, asst. prof. farm crops and res. asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Asst. agrl. agt. Valencia Co., N. Mex., 1917; asst. agron., N. Mex. A. & M. Coll., 1918-9; student asst. farm crops, Cornell Univ., 1920; present position, 1920-. —*b.* Rural Retreat, Va., Oct. 28, 1895; *s.* Luther G. and Emma G. (Pattison) C.; reared on farm. B.S., N. Mex. A. & M. Coll., 1918; M.S., Cornell Univ., 1920. Phi Sigma.

Cornwall, Ellsworth Bedinger, farmer, Middlebury, Vt.

Pres. Vt. State Fed. Farm Burs.; mem. exec. com. Addison Co. Farm Bur. —*b.* Princeton, N. J., Oct. 21, 1884; *s.* Henry B. and Mary H. (Porter) C.; reared in town; *m.* Louise W. Mix, Oct. 15, 1908; *c.* Dorothy P., Henry R., Frances E. A.B., Princeton Univ., 1905; grad. N. Y. Law Sch., 1907. Delta Chi.

Cort, Joseph Clayton, manag. Milford Meadows Stock Farm, Lake Mills, Wis.

Asst. dairy ext., Ia. State Coll., 1915-6; agt. in dairying for Ia., U. S. Dept. Agr., 1916-8; fieldman, Holstein-Friesian Assoc. of Amer., Mar.-Aug. 1918; assoc. prof. dairy husb., Univ. Minn., 1918-9; present position, 1919-.—*b.* St. Lawrence, S. D., Dec. 3, 1887; *s.* Chas. Edwin and Maria (Vaile) C.; reared in town and country; *m.* Isabelle Frasche, Nov. 7, 1916; *c.* Joseph C. Jr., Helen Patricia, B.S.A., Ia. State Coll., 1914; M.S., 1915. Alpha Gamma Rho; Phi Lambda Upsilon; Acacia.

Cortelyou, Frank V. D., co. agrl. agt., Bridgeton, N. J.

Teach. voc. agr., high-sch., 1919-21; co. club agt., 1921-4; agrl. agt. Cumberland Co., 1924-. —*b.* Franklin Park, N. J., Dec. 15, 1896; *s.* Wm. J. and Fannie Etta (Allen) C.; reared on farm; *m.* M. Louise Minton, June 29, 1922. B.Sc., Rutgers Coll., 1919.

Corwin, Willis J., manag. Twin City Egg and Poultry Assoc., St. Paul, Minn.

Dir. agr., public schs., Martin, Minn., 1913-8; co. agrl. agt., Hinckley, 1918-20; asst. state leader co. agts., Univ. Minn., 1920-3; assoc. ed. Farmer, 1923-4; present position, 1924-. —*b.* Altmar, N. Y., Nov. 5, 1885; *s.* Frank R. and Lizzie (Leno) C.; reared on farm; *m.* Lois Lowrey, June 25, 1914; *c.* Jas. Freeman, Mac Rockwell. B.S., Cornell Univ., 1911.

Cory, Ernest Neal, chm. zool. group, prof. ent. and state ent., Univ. Md., College Park, Md.

Asst. ent., Md. State Coll., 1909-11; asst. prof., 1911-5; prof., 1915-; head dept. zool., 1917-; sta. ent., 1915-; state ent., 1916-. Rancher, Yuma, Ariz., 1904-5. Sec.-treas. Md. State Beekeepers Assoc.; dir. Md. Agrl. Soc.; mem. Md. Acad. Sci. (Econ. ent.). —*b.* Alden, N. Y., Aug. 13, 1886; *s.* Azro J. and Marie (Matheson) C.; reared in town; *m.* Elizabeth C. Elder, Oct. 31, 1911; *c.* Ernest N. Jr., Wm. Robt. B.S., Md. State Coll., 1909; M.S., 1912. Kappa Alpha; Phi Kappa Phi.

Cory, Hugh, teach. agr., and princ. high-sch., Divernon, Ill.

Boys and girls club work and garden superv., Elkins, W. Va., 1917; Army Y. M. C. A. sec., 1917-9; co. Y. M. C. A. sec., 1919; teach. agr., high-sch., Knoxville, Ia., 1920; princ. high-sch., Chariton, 1920-1; supt. schs. and teach. agr. and pastor rural church, Mt. Sterling, Ill., 1921-4; present position, 1924-. —*b.* Chicago, Ill., May 17, 1892; *s.* Chester P. and Hila (Ganson) C.; reared on farm; *m.* Edna Mae Allison, Jan. 4, 1922. B.S.A., Bethany Coll., 1917. Sigma Nu; Tau Kappa Alpha.

Coryell, Irving Cole, teach. voc. agr., high-sch., Weleetka, Okla.

2d Lieut. Field Art., O. R. C. —*b.* Cato, Kans., June 7, 1902; *s.* Martin and Nettie R. (Cole) C.; reared in town. B.S., Okla. A. & M. Coll., 1924. Kappa Sigma.

Coryell, Jay, co. agt. leader, Cornell Univ., Ithaca, N. Y.

Instr. agr., Northboro, Mass., high-sch., 1912; Woburn, Mass., Acad., 1912;

North Easton, Mass., high-sch., 1912; agrl. agt. Windsor Co., Vt., 1912-5; asst. state co. agt. leader, Univ. Vt., 1915-7; asst. co. agt. leader, Cornell Univ., 1917-20; co. agt. leader, 1920-. —*b.* Romulus, N. Y., Feb. 5, 1886; *s.* Newman Potter and Susan L. (Sayre) C.; reared on farm; *m.* Helen Stewart Folwell, Feb. 7, 1912; *c.* Geo. Chester, Arlene Elizabeth. B.S.A., Cornell Univ., 1912.

Coryell, Nettie R., home dem. agt., Chickasha, Okla.

Teach. public schs., Girard, Kans., 6 yrs.; deputy co. clerk, Crawford Co., Kans., 1884-8; present position, 1915-. —*b.* Rockford, Ill., Nov. 4, 1863; *d.* Gideon P. and Elizabeth (Brown) Cole; reared on farm; *m.* Martin Coryell, Aug. 8, 1894; *c.* Cornelia Cole, Martha Grace, Irving Cole.

Coryell, Rolla James, nurseryman, Birmingham, Mich.

Small-fruit grower, 1884-91; asst. hort., Mich. Agr. Coll., 1891-4; in chg. Peche Isl., 1894-7; supt. Detroit parks, 1897-1901; park work, Colorado Springs for General W. J. Palmer, 1901-5; nurseryman, 1905-, pres. of the Coryell Nursery. —*b.* Jonesville, Mich., Oct. 2, 1861; *s.* Chas. R. and Diana (Armstrong) C.; reared on farm; *m.* Mabel Bowen, Mar. 25, 1891; *c.* Ralph I., Helen W., Eliot, Edwin, Philip. B.S., Mich. Agr. Coll., 1884.

Cosby, Stanley Wallace, res. assoc. in soil tech., Univ. Calif., Berkeley, Calif.

Asst. soil tech., Univ. Calif., 1920-1; res. assoc., 1921-; made special soil studies in Imperial Valley for U. S. Reclamation Serv., 1920; special invest. of soils and colonization problems in Laguna Salada Basin, B.C., for Mex. govt., 1923; collaborator, U. S. Dept. Agr., 1921-. Served in A. E. F., 1917-9. —*b.* Chicago, Ill., July 28, 1890; *s.* Hogan Douglas and Lois Emma (Stanley) C.; reared in city. B.S., Univ. Calif., 1919; student Univ. Montpellier, France. Alpha Tau Omega; Sigma Xi.

Cotterman, Harold F., assoc. dean Coll. Educ., Univ. Md., College Park, Md.

Prof. agr. and agrl. educ. and dean Dept. Agr., Ohio Northern Univ., 1913-5; asst. agrl. educ., Ohio State Univ., 1916; prof. agrl. educ. and superv. secondary voc. agr. for Md., Md. State Coll., 1917-22; dir. summer-sch., Univ. Md., 1918-22; prof. agrl. educ. and rural sociol., 1922-. —*b.* Farmersville, O., Oct. 22, 1887; *s.* Marcus W. and Martha (Brubaker) C.; reared on farm; *m.* M. Mae Yingling, June 13, 1914; *c.* Harold F. Jr., Martha Ann. B.S.A., Ohio State Univ., 1916; M.A., Columbia Univ., 1917.

Cotton, John Storrs, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Conducting range invests., Wash. Exp. Sta., 1901-4; range and farm manag. invests., U. S. Dept. Agr., 1904-; U. S. Tariff Comn., special expert in wool invests. in range states, Aug. 1919- Jan. 1920.—*b.* E. Woodstock, Conn., July 30, 1875; *s.* John and Persis (Storrs) C.; reared in village; *m.* Ada Gertrude Chapple, Dec. 31, 1907; *c.* Jane Catherine, John, Elisabeth Storrs. B.S., Union Coll., 1897; M.S.A., Wash. State Coll., 1904.

Cotton, Richard Thomas, assoc. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. ent., Exp. Sta., Rio Piedras, Porto Rico, 1915-7; ent., 1917-8; present position, 1919-, in chg. stored grain insect. invests. 2d Lieut. Inf., U. S. Army, 1918. —*b.* England, Jan. 27, 1893 (naturalized as minor); *s.* Wm. Jas. and Agnes (James) C.; reared in town; *m.* Emily Willey, Dec. 18, 1917; *c.* Robt. Thos. B.S., Cornell Univ., 1914; M.S., 1918; Ph.D., Geo. Washington Univ., 1924.

Couch, James Fitton, chem., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Industrial chem., 1913-7; present position, 1917-; instr. chem., Geo. Washington Univ., 1919-20. *Auth.*: Dictionary of Chemical Terms, 1920. (An. biochem. and toxicology). —*b.* Somerville, Mass., Oct. 22, 1888; *s.* J. D. and Ellen M. (Cary) C.; reared in city; *m.* Mildred L. Angell, Sept. 19, 1914; *c.* Cecilia L., Jas. F., Joseph E. A.B., Harvard Univ., 1913; A.M., American Univ., 1923.

Coulter, John Lee, pres. N. D. Agr. Coll., Agricultural College, N. D.

Asst. prof. rural econ., Univ. Minn., 1908-10; chief agrl. census, U. S. Census Bur., 1910-4; prof. rural econ., Knapp Sch. Country Life, Nashville, Tenn., 1914-5; dean Coll. Agr. and dir. Exp. Sta., W. Va., Univ., 1915-21; present position, 1921-. Del. Intern. Inst. Agr., Rome; Rural Credits Comn. to Europe, 1913. Mem. bd. dirs., Nat. Agrl. Organization Soc. Major A. S. A. P., with A. E. F. in France as div. dir. agrl. educ., 1918-9. *Auth.*: Cooperation Among Farmers, 1911. (Farm econ.). —*b.* Mallory, Minn., Apr. 16, 1881; *s.* John and Katherine (McVeety) C.; reared on farm; *m.* Phoebe Frost, Sept. 23, 1911; *c.* John Lee Jr., Kirkley Schley. A.B., Univ. N. D., 1904; A.M., 1905; Ph.D., Univ. Wis., 1908. Phi Beta Kappa.

Coupe, James Francis, asst. sec. Ia. Farm Bur. Fed., Des Moines, Ia.

Agt. Thurston Co., Neb., 1913-5; live-stock fieldman, Twentieth Century Farmer, Omaha, 1915-7; farm bur. organizer, Neb., Sept. 1917-Feb. 1918; agrl. agt. Carroll Co., Ia., 1918-20; present position, 1920-. —*b.* Falls City, Neb., Aug. 30, 1886; *s.* Richard A. and Mary M. (King) C.; reared on farm; *m.* Mary A. Ballengee, Apr. 12, 1915. B.S., Univ. Neb., 1909. Alpha Zeta.

Coverdale, John Walter, sec.-treas. Grain Marketing Co., 208 S. La Salle St., Chicago, Ill.

Farmer, 1906-12; superv. co. agts., Ia. State Coll., 1912; state leader co. agts., 1913-9; sec. Ia. Farm Bur. Fed., 1919-20; sec. Amer. Farm Bur. Fed., 1920-4; present position, 1924-. Dir. Ia. Corn Growers Assoc., 1907, vice-pres., 1909; asst. supt. agr., Ia. State Fair, 1907-19. —*b.* Clinton Co., Ia., Apr. 4, 1883; *s.* Elijah A. and Sarrah (Jepsen) C.; reared on farm; *m.* Elsie Grinrod, Jan. 31, 1907; *c.* John W. Jr. Student Ia. State Coll., 3 yrs.

Coville, Frederick Vernon, bot., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Cornell Univ., 1887-8; asst. bot., U. S. Dept. Agr., 1888-93; bot., 1893-; curator U. S. Nat. Herbarium, 1893-. Fellow A. A. A. S.; mem. bd. trustees Nat. Geog. Soc.; pres. Biol. Soc. of Washington, 1899-1900; pres. Bot. Soc. Amer., 1903-4; pres. Washington Acad Sci., 1912. Joint-auth. Standardized Plant Names, 1924. (Cult. and breeding of blueberries, rhododendron and acid-soil plants). —*b.* Preston, N. Y., Mar. 23, 1867; *s.* Joseph A. and Lydia (More) C.; reared in village; *m.* Elizabeth Harwood Boynton, Oct. 4, 1890; *c.* Stanley, Katharine, Cabot, Frederick. A.B., Cornell Univ., 1887; D.Sc., Geo. Washington Univ., 1921. Phi Beta Kappa; Sigma Xi; Theta Delta Chi.

Cowan, Donald Ross Grant, asst. prof. marketing, Univ. Mo., Columbia, Mo.

Fellow econ. and lect. econ. hist., Univ. Toronto, 1919; invest. motor transportation, Ont. Dept. Markets, 1919; asst. to sales manag., Goodyear Tire and Rubber Co. of Canada, 1920-2; instr. econ., Univ. Minn., 1922-3; present position, 1923-. Lieut. Canadian Army, 1916. —*b.* Stroud, Ont., May 4, 1897; *s.* John and Mary Jane (Barclay) C.; reared on farm; *m.* Helen Merle Prentice, Aug. 22, 1923. B.A., Queen's Univ., 1917; M.A., Univ. Toronto, 1918.

Cowan, Paul, teach. voc. agr., high-sch., Donna, Tex.

Vice-pres. Valley Hort. Soc. Served in U. S. Navy, World War. (Hort.). —*b.* Los Angeles, Calif., Aug. 12, 1898; *s.* Thompson A. and Alice (Piner) C.; reared in town. B.S., Tex. A. & M. Coll., 1924.

Cowart, Ira Ellis, manag. orchard and nurseries, Coleman-Fulton Pasture Co., Taft, Tex.

Citrus fruit-grower, National City, Calif., 1900-5; asst. hort., Univ. Mo., 1914; instr. hort., Tex. A. & M. Coll., 1914-5; asst. prof. pom., 1915-7; supt. Tex. Agr. Exp. Sta., Beeville, 1917-24; present position, 1924-. Sec.-treas. Tex. Hort. Soc., 1914-6. (Subtropical fruits). —*b.* Sherman, Tex., June 15, 1883; *s.* Thos. A. and Rebecca Anna (Hampton) C.; reared on farm. Grad. State Teach. Coll., San Diego, Calif.,

1908; B.S., Tex. A. & M. Coll., 1913; A.M., Univ. Mo., 1914.

Cowell, Arthur Westcott, lands. arch., prof. lands. design, Penn. State Coll., State College, Pa.

b. Auburn, N. Y., Apr. 30, 1878; *s.* Willard Gould and Jennie (Fisher) C.; reared in city; *m.* Sophie Harriet Lyndon, 1907; *c.* Jane Augusta, David Lyndon. B.S.A., Cornell Univ. Alpha Zeta.

Cowgill, Helen Julia, asst. state club leader, Ore. Agr. Coll., Corvallis, Ore.

Teach. dom. sci., Harney Co. high-sch., 1913-4; superv. girls club work, Ore. Agr. Coll., 1914-20. —*b.* Springfield, Ill., Dec. 1, 1881; *d.* Wm. C. and Caroline M. (Etter) C.; reared in city. B.S., Ore. Agr. Coll., 1913.

Cowles, Henry Trask, prof. hort., Coll. Agr. & Mech. Arts, Mayaguez, Porto Rico.

Instr., Central High-Sch., Porto Rico, 1910-1; princ. Arecibo High-Sch., 1911-2; superv. schs., Rio Grande and Humacao distrs., 1912-5; present position, 1916-. (Citriculture). —*b.* Dover, Mass., Oct. 26, 1887; *s.* John Phelps and Sigourney (Trask) C.; reared on farm; *m.* Emma H. Jones, July 16, 1915; *c.* Henry T. Jr., Howard, John C. B.S., Mass. Agr. Coll., 1910. Theta Chi; Phi Kappa Phi.

Cowles, Ina Foote, assoc. prof. clothing and textiles, Kans. State Agr. Coll., Manhattan, Kans.

b. Thorn Hill, N. Y., Sept. 11, 1876; *d.* E. Corning and Minnie (Salisbury) C.; reared on farm. B.S., Kans. State Agr. Coll., 1901. Omicron Nu; Phi Kappa Phi.

Cox, Henry Joseph, sr. meteorologist in chg. North Central Forecast Distr. of Weather Bur., and in chg. corn and wheat region serv., Federal Bldg., Chicago, Ill.

Prof. meteorology, Norwich Univ., Northfield, Vt., 1886-8; connected with U. S. Weather Bur. since 1884. In chg. special field researches, cranberry marshes, 1906-8; thermal belts on Carolina mountain slopes, 1912-8. Traveled in Europe inspecting meteorological observatories, 1906-7. —*b.* Newton, Mass., Apr. 5, 1863; *s.* Thos. and Hannah (Perkins) C.; reared in city; *m.* Mary Cavanagh, Sept. 8, 1887; *c.* Harry P., Arthur C., Paul G. A.B., Harvard Univ., 1884; A.M. (hon.), Norwich Univ., 1887; D.Sc., 1914. Theta Chi.

Cox, Herbert Randolph, ext. specialist agron., Rutgers Univ., New Brunswick, N. J.

Farming in O., 1905-7; Off. Farm Manag., U. S. Dept. Agr., 1907-15; assoc. ed., Country Gentleman, 1915-7; agrl. agt. Camden Co., N. J., 1917-20. —*b.* Canton, O., Oct. 28, 1882; reared in town and on farm. B.S.A., Cornell Univ., 1905; M.S.A., 1909. Beta Theta Pi.

Cox, James Carl, teach. agr. and princ. Nicholas Co. High-Sch., Summersville, W. Va.

1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Troy, W. Va., June 8, 1890; *s.* Albert N. and Laura E. (Butcher) C.; reared on farm; *m.* Maggie Lillian Merrells, Aug. 1, 1918; *c.* Jas. C. Jr., Albert W., Laura E. B.S.A., W. Va. Univ., 1921. Phi Sigma Kappa.

Cox, Joseph F., prof. farm crops, Mich. State Coll., and head farm crops sect., Exp. Sta., E. Lansing, Mich.

Asst. bot., Ohio Agr. Exp. Sta., 1912; asst. and instr. soils, Penn. State Coll., 1912-3; with Mich. Agr. Coll., 1913-; exec. sec. Fed. Seed Serv., Chicago, Jan.-May, 1925. 1st Lieut. U. S. Army, World War. *Auth.*: Crop Production and Soil Management, 1924; contr. to Book of Rural Life. —*b.* Glendale, O., Aug. 16, 1890; *s.* Joseph and Martha (Gatch) C.; *m.* Katherine Crane, Sept. 9, 1915; *c.* Martha, Joseph Crane, Katherine Crane. B.S., Ohio State Univ., 1912.

Cox, Milton S., farmer, McArthur, O.

Superv. census and chief Div. Markets, O. Dept. Agr. Mem. O. Legislature; postmaster, 8 yrs.; del. to Democratic Nat. Convention, 1920; co. supt. schs. Traveled in Mexico and Alaska.

—*b.* McArthur, O., Sept. 23, 1867; *s.* Jas. G. and Nancy (Graves) C.; reared on farm; *m.* Ida Blanche Timms, Apr. 24, 1913.

Cox, Uri T., fruit-grower, Proctorville, O.

Pres. O. State Hort. Soc., 2 yrs.; speaker at state meetings. —*b.* Proctorville, O., Aug. 31, 1866; *s.* Nelson and Kate (Gardner) C.; reared on farm; *m.* V. F. Stewart, Aug. 3, 1893; 2d, Maud Sperry, Oct. 10, 1901; *c.* Ermina S., Earl P., Virginia I., Ruth C. Grad. Nat. Normal Univ., Lebanon, O., 1889.

Crabb, George Arthur, prof. agron., Univ. Ga., Athens, Ga.

Instr. soil tech., Cornell Univ., 1907-10; Bur. Soils, U. S. Dept. Agr., 1910-3; present position, 1913-. (Soils and fertilizers). —*b.* Allen Co., O., Aug. 18, 1882; *s.* Nathan T. and Amelia (Bowyer) C.; reared on farm; *m.* Mary Clement Shepperson, Sept. 28, 1908; *c.* Anna Elizabeth, Geo. A. Jr., Mary Frances, Thos. Nathan. B.S.A., Ohio State Univ., 1907. Alpha Zeta.

Crabbe, James Byrl, instr. voc. agr., high-sch., Waynesville, O.

Farmer and stockman, 1903-10; instr. sci. and manual training, Michigan City, N. D., 1912-3; Elko, Nev., 1913-4; instr. agr., Morgan, Minn., 1914-7; farmer and stockman, Washington Court House, O., 1917-23; present position, 1923-. —*b.* Range, O., Feb. 10, 1880; *s.* Thos. E. and Lizzie A. (Drury) C.; *m.* Ethelyn Coverston, Dec. 1, 1914; *c.* Julian B. B.S.A., Ohio State Univ., 1903; student Ia. State Coll., 1910-1, 1922-4.

Crabtree, Sam W., ed. and minister, Peoria, Ill.

Country church preacher, 14 yrs. Agrl. ed., Peoria Transcript and Peoria Journal. Pres. Tazewell Co. Farmers Inst. (Rural sociol.). —*b.* Pike Co. O., June 2, 1881; *s.* Alva and Sarah (Eliphel) C.; reared in town and on farm; *m.* Bertha Lee Bierley, Jan 1, 1906; *c.* Nate, Floy, Sam W. Jr., Miriam. Student Rio Grand Coll., O., 2 yrs.

Craddock, Benjamin Atkins, farmer, Humboldt, Tenn.

Farmer and fruit-grower, 40 yrs.; manufacturer canned foods, Humboldt Canning Co., 23 yrs. Pres. Tenn. State Hort. Soc., 1919-20. —*b.* Gibson Co., Tenn., Jan. 17, 1860; *s.* Thos. J. and Susan (Collinsworth) C.; reared on farm; *m.* Mattie James, 1882; 2d, Lucie Graves, 1894; *c.* Carl, David, Paul, Geo. W., Mary, Frank, Graves, Anna Sue, John, Lucile.

Craft, Rose Blessing, home dem. agt., Hindman, Ky.

Teach. Hindman Settlement Sch., 1915-20; asst. princ., 1920-3. —*b.* Carrollton, Ky., Apr. 28, 1880; *d.* John J. and Anna (Leese) Blessing; reared in town; *m.* Wm. Wiley Craft, June 28, 1905; *c.* Wm. Blessing.

Craft, William A., asst. prof. an. husb., Okla. A. & M. Coll., Stillwater, Okla.

Grad. asst. genetics, Ia. State Coll., 1922-3; present position, 1923-. Pres. Nat. Block and Bridle Club. Sergeant Q. M. C., U. S. Army, 1918-9. —*b.* Jonesboro, Ark., Sept. 9, 1894; *s.* John M. and Ella (Gambill) C.; reared on farm; *m.* Mabel Gertrude Lahart, Oct. 6, 1923. B.S., Ia. State Coll., 1922; M.S., 1923. Alpha Gamma Rho; Alpha Zeta.

Craig, Albert G., hort., East Farms, Wash.

Instr. hort., Mich. Agr. Coll., 1904-5; instr. hort., Wash. State Coll., 1906; asst. prof. and asst. hort., Exp. Sta., 1907-9; hort. and field manag., Arcadia Orchard Co., Deer Park, Wash., 1909-18; manag. Spokane Valley Orchard and Land Co., 1918-. Pres. Wash. State Hort. Assoc., 1 yr. —*b.* Mich., Apr. 20, 1877; *s.* Samuel and Hanna (Morrison) C.; reared on farm; *m.* Clara Hoffner, 1902; 2d, Edna Evans, 1919. B.S., Mich. Agr. Coll., 1902; M.H., 1909.

Craig, Charles P., agrl. organizer and administrator, Duluth, Minn.

Developed Jean-Duluth Farms, Duluth. Pres. Minn. Live-Stock Breeders Assoc., 5 yrs.; dir. Minn. State Agrl. Soc., 7 yrs., pres. 2 yrs.; manag. Minn. State Fair, 7 yrs., pres. 2 yrs.; chm.

agrl. com., Commercial Club of Duluth; chm. State Efficiency and Econ. Comn.; vice-pres. and exec. dir. Great Lakes-St. Lawrence Tidewater Assoc.; auth. Co. Agt. Bill in Minn.; exec. sec. St. Lawrence Comn. of U. S., by appointment by President; pres. Duluth Chamber of Commerce. —*b.* Clarion Co., Pa., July 4, 1858; s. W. T. and Katherine (Patton) C.; reared on farm; *m.* Florence Cameron; *c.* Margaret Patton. A.B., Lafayette Coll., 1883; A.M., 1886; LL.B., Univ. Penn., 1886. Delta Kappa Epsilon.

Craig, Horace, deputy minister of agr., Dept. Agr., Edmonton, Alta.

Supt. institutes and fairs, Alta. Dept. Agr., 1906-11; supt. expl. farms, 1911-5; present position, 1915-. Sec. Provincial beef comn., 1907; provincial pres. Canadian Soc. Tech. Agrsts. Traveled in Orient. —*b.* N. Gower, Ont., Mar. 12, 1882; *s.* John and Margaret (Moses) C.; reared on farm; *m.* Mabel Alcock, Nov. 11, 1908; *c.* Glenn, Margaret, Joyce, Barbara. B.S.A., Ont. Agr. Coll., 1906.

Craighead, Frank Cooper, specialist in for. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

b. Craigheads, Pa., Oct. 7, 1890; *s.* C. C. and Agnes (Miller) C.; reared in country; *m.* Mary Caroline Johnson, Oct. 12, 1915; *c.* John Johnson, F. C. Jr., Jean Caroline. B.S., Penn. State Coll., 1912; M.S., Geo. Washington Univ., 1917; Ph.D., 1919. Alpha Zeta.

Craighead, William Hunley, co. agrl. agt., Bowling Green, Va.

Journalist, Harrisburg, Pa., 10 yrs.; farmer and poultryman, 5 yrs.; present position, 1922-. Y. M. C. A. sec., France, 1917-9. (Poultry). —*b.* Lunenburg Co., Va., Dec. 17, 1876; *s.* Wilson and Martha (Whittle) C.; reared on farm; *m.* Nannie L. Butler, Sept. 21, 1921. B.S., Mass. Agr. Coll., 1906.

Crandall, Benjamin Ray, pres. Calif. Poly. Inst., San Luis Obispo, Calif.

Princ. schs., Hammond, La., 1899-1902; supt. schs., Rawlins, Wyo., 1902-7; supt. schs., Idaho Falls, Ida., 1907-15; supervising princ. Holtville Union High-Sch. and emergency co. club leader, 1915-9; supt. schs., San Bernardino, 1919-21; superv. agrl. teach. training, Univ. Calif., 1921-4; present position, 1924-. Pres. Ida. State Teach. Assoc., 1912-3. —*b.* Andover, N. Y., Dec. 31, 1875; *s.* Sherman G. and Leonora (Wood) C.; reared on farm; *m.* Matilda Fogg, Apr. 12, 1900; *c.* Burton Benj. B.S., Alfred Univ., 1899; B.Ped., Univ. Wyo., 1905; A.M., Univ. Denver, 1905; D.Ped., Alfred Univ., 1911; Ph.D., Univ. Denver, 1915.

Crandall, Charles Spencer, prof. pom., Univ. Ill., Urbana, Ill.

Foreman gardens, Mich. Agr. Coll., 1885-9; prof., bot. and hort., Colo. Agr. Coll., 1890-1900; instr. to prof. pom., Univ. Ill., 1902-. —*b.* Waverly, N. Y., Oct. 12, 1852; *s.* Richard Orson and Marie Louise (Cushman) C.; reared in town; *m.* Adeline Ocobock, 1879; 2d Maud Bell, 1897; *c.* Adeline, Charlotte, Richard, Elizabeth. B.S., Mich. Agr. Coll., 1873; M.S. 1889.

Crandall, Daniel Phillips, teach. agr., high-sch., Westfield, N. Y.

Teach. agr., high-sch., Belfast, N. Y., 1915-8; Westfield, 1918-. Sergeant Motor Transport Corps, U. S. Army. —*b.* Carlton, N. Y., Jan. 4, 1890; *s.* Irving W. and M. Anna (Squires) C.; reared on farm; *m.* Frances M. Greene, June 28, 1917; *c.* Mary Evelyn. B.S., Cornell Univ., 1915.

Crandall, Linton Brown, prof. apiculture, Conn. Agr. Coll., Storrs, Conn.

Instr., Alfred Univ., 1901-5; high-sch., N. Plainfield, N. J., 1905-8; prof. ind. mech., Alfred Univ., 1908-18; in aeroplane factory, R. I., 1918-9; present position, 1919-. Del. to Intern. Apiculture Congress, Que., 1924. —*b.* Richburg, N. Y., Sept. 1, 1873; *s.* Geo. J. and Elizabeth A. (Champlin) C.; reared on farm and in village; *m.* Adelaide M. Blanchard, July 3, 1906; *c.* Bradford, Elisabeth. B.S., Alfred Univ., 1904.

Crandall, Will Giles, prof. educ., Clemson Agr. Coll., Clemson College, S. C.

Asst. prof. agrl. educ., Clemson Agr. Coll., 1918; prof., 1919-22; prof. educ.,

1922-. —*b.* Pitcher, N. Y., Feb. 20, 1890; *s.* M. D. and Belle (Sheldon) C.; reared on farm; *m.* Helen M. Osborne, 1914. B.S., Cornell Univ., 1921.

Crandall, William Truman, asst. ext. prof. an. husb., Cornell Univ., Ithaca, N. Y.

Teach. State Agr. Sch., Alfred, N. Y., 1909-10; assoc. dairy husb., Univ. Ill., 1911-6; dairy farmer, Milton, Wis., 1916-20; asst. prof. ext. in dairy husb., Kans. State Agr. Coll., 1920-1; present position, 1921-. —*b.* Lexington, Ky., May 11, 1886; *s.* Albert R. and Ellen (Saunders) C.; reared in town; *m.* Emma Anderson, May 6, 1908; *c.* Mary Ellen, Barbara Jean, Truman Anderson. B.S., Univ. Wis., 1909; M.S., Univ. Ill., 1913.

Crane, Austin Benjamin, ext. specialist agrl. engin., Wash. State Coll., Pullman, Wash.

Asst. math., S. D. State Coll., 1893-1906; prof. math. and civil engin., Spokane Univ., 1914-8; present position, 1918-. —*b.* Fond-du-lac, Wis., Oct. 29, 1864; *s.* Rodney B. and Louise M. (Morehouse) C.; reared in city and country; *m.* May Cranston, Dec. 26, 1893; *c.* Bernice May, Louise Eleanor, Royal Austin. B.S., S. D. State Coll., 1891; M.S., 1903.

Crane, George Blair, sec. and asst. dir. agrl. ext. serv., Ohio State Univ., Columbus, O.

Agrl. ed., Ohio State Univ., 1913-4; field agrst., Amer. Cyanamid Co., Buffalo, N. Y., 1914-5; present position, 1915-. —*b.* Columbus, O., Sept. 4, 1891; *s.* Geo. W. and Minnie (Blair) C.; reared on farm; *m.* Ruth M. Siebert, May 29, 1915; *c.* Mary Anne, Thos. Siebert. B.S.A., Ohio State Univ., 1913. Alpha Zeta; Sigma Delta Chi; Alpha Tau Omega.

Crane, Harley Lucius, assoc. prof. hort. and assoc. hort. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Ext. specialist hort., W. Va. Univ., 1914; instr., 1915; assoc. prof., 1916; agrl. agt. Morgan Co., 1917-8; present position, 1920-. Sec. W. Va. State Hort. Soc. —*b.* Terra Alta, W. Va., Mar. 31, 1891; *s.* Dee and Annie (Forman) C.; reared on farm; *m.* Fern Coburn, Aug. 30, 1912; *c.* Margaret Lucile, Julian Coburn, Helen Louise. B.S.A., W. Va. Univ., 1914; M.S.A., 1918. Kappa Alpha.

Crane, Perry Howard, dairy farmer and breeder Guernsey cattle, Zionsville, Ind.

Ext. serv., Purdue Univ., 1909-10; assoc. milk production, 1911; on ed. and business staff, Hoard's Dairyman, 1911-4. Pres. Ind. State Dairymens Assoc., 1917; pres. Ind. Guernsey Breeders Assoc., 1916. —*b.* Boone Co., Ind., Dec. 6, 1884; *s.* Thos. J. and America (Howard) C.; reared on farm; *m.* Ruth Roark, Apr. 12, 1911; *c.* Susan, Perry H. Jr., Effie Louise. B.S., Purdue Univ., 1909. Alpha Zeta.

Cranefield, Frederic, sec. Wis. State Hort. Soc., Madison, Wis.

Instr. hort., Univ. Wis., 1897-1904. *Ed.,* Wisconsin Horticulture. —*b.* near Madison, Wis., July 23, 1865; *s.* Jas. and Maria (Tipple) C.; reared on farm; *m.* Laura Hinrichs, Dec. 5, 1894; *c.* Paul Frederic, Harold Alfred, Laura Edith.

Crary, MacArnold, superv. voc. agr., high-sch., Tipton, Ia.

Princ. schs., Sioux Falls, S. D., 1910-1; superv. ind. arts, Astoria, Ore., 1912-4; Johnson City, Tenn., 1914-6; supt. sch., Rinerd, Ia., 1916-9; Kelley, 1919-21; Liberty Center, 1921-3; present position, 1923-. Sec. Cedar Co. Poultry Assoc. and Farmers Inst. —*b.* Crary Mills, N. Y., June 14, 1884; *s.* Ryland A. and Ora L. (Lamb) C.; reared on farm; *m.* Olive Bugg, Sept. 10, 1912; *c.* Ryland W., Donald Wm. Grad. Potsdam Normal, 1908; B.S., Ia. State Coll., 1923. Phi Sigma Kappa.

Cravens, Clarence Chambers, teach. voc. agr., high-sch., Bladenboro, N. C.

Instr. agr., Middle Tenn. Normal, 1920; asst. prof. agrl. educ., Clemson Agr. Coll. —*b.* Gardner, Tenn., Jan. 14, 1888; *s.* Joseph P. and Gertrude A. (Bondurant) C.; reared on farm; *m.* Watson Montgomery, June 2, 1913. Grad. Middle Tenn. Normal, 1919; B.S., Univ. Wis., 1923; M.S., 1924.

Crawford, George Lemuel, distr. agrl. agt., Tex. A. & M. Coll., College Station, Tex.

Agrst. Murray Distr. Agrl. Sch., Tishomingo, Okla., 1916. —*b.* Ashland, Miss., Feb. 7, 1890; *s.* J. A. and Ella (Elliott) C.; reared on farm; *m.* Dorothy Almira Painter, Feb. 13, 1916. B.S.A., Okla. A. & M. Coll., 1915.

Crawford, Horatio H., clergyman, Arnolds Mills, R. I.

Supt. Mott Home for Destitute Children, Vt., 2 yrs.; farmer, 1 yr.; market gardener, 1 yr. (Rural church). —*b.* Surry, Me., Oct. 29, 1882; *s.* Wm. H. and Emma (Foye) C.; reared in country; *m.* Florence Talcott, Sept. 12, 1906; *c.* Helen, Wm., Emma. Student Syracuse Univ., Univ. Vt., Sch. Theol., Boston Univ.

Crawford, James Chamberlain, asst. ent., N. C. Dept. Agr., Raleigh, N. C.

b. W. Point, Neb., Aug. 24, 1880; *s.* Jas. C. and Kate (Moore) C.; reared in town; *m.* Emily Baker, 1913; *c.* Nancy Jane. Student Univ. Neb., 1896-1902; M.S., Geo. Washington Univ., 1914.

Crawford, Nelson Antrim, head dept. ind. journalism and printing, Kans. State Agr. Coll., Manhattan, Kans.

Teach. English, Kans. State Agr. Coll., 1910-4; present position, 1914-. Dir. publicity, Kans. Council of Defense, 1917-; dir. publicity, U. S. Food Adminis. in Kans., 1917. Vice-pres. Amer. Assoc. Agrl. Coll. Editors, 1916-7, pres., 1917-8. In daily newspaper work, 1906-9; manag. ed., The Kans. Industrialist, 1914-; ed. The Kans. Churchman, 1916-8; assoc. ed., The Midland, 1917-. —*b.* Miller, S. D., May 4, 1888; *s.* N. A. and Fanny (Vandercook) C. A.B., State Univ. Ia., 1910; A.M., Univ. Kans., 1914. Sigma Delta Chi; Phi Kappa Phi; Phi Sigma Kappa.

Crawford, Robert J., farmer, Armada, Mich.

Supt. schs., Richmond, Mich., 9 yrs.; princ. sch., New Haven, Mich., 5 yrs.; co. supt. schs., Macomb Co., 3 terms; co. agt. of charities and corrections, 1908-. State lect. farmers insts.; deputy state insp. orchards and nurseries. —*b.* Armada, Mich., Sept. 1, 1857; *s.* Jas. and Elizabeth (Borland) C.; reared on farm; *m.* Hattie A. Freeman, June 9, 1885; *c.* Maud, Florence, Robt. F. B.S., Mich. Agr. Coll., 1891.

Crawford, Robert Platt, agrl. ed. and assoc. prof. journalism, Univ. Neb., Lincoln, Neb.

Agrl. ed., Univ. Neb., 1917-8; asst. ed., U. S. Dept. Agr., 1918; assoc. ed. Nebraska Farmer, 1919-21; writer special articles, 1921-2; asst. prof. journalism, Univ. Neb., 1923-4; assoc. prof., 1924-. Served in U. S. Army 1918. —*b.* Council Bluffs, Ia., Dec. 7, 1893; *s.* Nelson A. and Fanny (Vandercook) C.; reared in town. A.B., Univ. Neb., 1917.

Creel, Cecil Willis, dir. agrl. ext., Univ. Nev., Reno, Nev.

Field agt. Bur. Ent., U. S. Dept. Agr., 1911-8; co. agt. leader, Univ. Nev., 1919-21; dir. ext., 1921-. Fellow A. A. A. S. —*b.* Angola, Ind., Oct. 22, 1889; *s.* Lorenzo Dow and Estella (Willis) C.; reared on farm; *m.* Laura Belle Stevens, June 5, 1915; *c.* Marshall Stevens, Jane Estella. B.S., Univ. Nev., 1911. Phi Kappa Phi.

Creelman, George Christie, farmer, Beamsville, Ont.

Prof. biol., Miss. A. & M. Coll., 1889-97; supt. farmers insts., 1898-1904; pres. Ont. Agr. Coll., 1904-20; comnr. agr., Ont., 1917-20. Del. to Intern. Inst. at Rome, 1907; Agent-General for Ont. in Great Britain and Europe, 1920-1; traveled in Europe, Asia, Hawaii, New Zealand, Australia, Philippines. Sec. Amer. Assoc. of Farmers Inst. Workers, 1900-6; pres., 1908; chm. adv. com., Soldier Settlement Bd.; mem. Senate of Univ. Toronto. —*b.* Collingwood, Ont., May 9, 1869; *s.* Jas. R. and Isabel (Patterson) C.; reared on farm; *m.* Ada Mills, Sept. 8, 1892; *c.* Jas., Louise, Margaret, Ross, Donald. B.S.A., Toronto Univ., 1888; Miss. A. & M. Coll., 1895; LL.D., McMaster Univ., Toronto, 1910.

Crenshaw, John S., farmer, Cadiz, Ky.

Treas. Amer. Farm Bur. Fed.; treas. Ky. Farm Bur. Fed.; pres. Trigg Co.

Farm Bur. Pres. Trigg Co. Development Assoc.; pres. Standard Spar and Chem. Co.; pres. Peoples Bank; pres. Williams Coal Co. Financial agt., Ky. Council Defense. —*b.* Cadiz, Ky., July 10, 1874; *s.* John W. and Julia (Street) C.; reared in town; *m.* Goldie A. Rice, Nov. 11, 1904; *c.* Margaret. Grad. Ind. Univ., 1890.

Cribbs, Charles C., minister, Ingram-Pittsburgh, Pa.

Teach. hist., Elders Ridge Acad., 2 yrs.; princ. schs., Homer City, 1 yr.; pastor E. Butler Presbyterian church, 2 yrs.; Beechwood, 7 yrs.; Apollo, Pa., 4 yrs. Adv. mem. Rural Com. of Pa. State Sunday Sch. Assoc.; dir. summer sch., Penn. State Coll. (Rural problems).—*b.* Clarksburg, Pa., Nov. 8, 1880; *s.* Armor P. and M. Ella (Marshall) C.; reared on farm; *m.* Cecil A. Stewart, June 7, 1911; *c.* Mary Elizabeth, Marjorie Cecil, Mildred Josephine. A.B., Grove City Coll., 1908; A.M., 1911; D.D., 1924; D.D., Oskaloosa Coll., Ia., 1924.

Crider, Franklin Jacob, dir. Boyce Thompson Southwestern Arboretum, Superior, Ariz.

Instr. hort., Clemson Agr. Coll., 1908-9; asst. prof. hort., N. C. State Coll., 1910-3; assoc. prof. hort., Clemson Agr. Coll., 1913-8; prof. hort., Univ. Ariz. and hort. Exp. Sta., 1918-24; present position, 1924-. —*b.* St. Matthews, S. C., Dec. 1, 1883; *s.* Lawrence E. and Georgella (Hay) C.; reared on farm; *m.* Charlotte Ellen Nash, Dec. 25, 1911; *c.* Dorothy Ellen. B.S., Clemson Agr. Coll., 1908; M.S., Univ. Minn., 1910. Alpha Zeta.

Crigler, Nina Belle, head dept. home econ., Univ. Ariz., Tucson, Ariz.

Teach. home econ., Univ. Ill., 1909-16, 1919-20; Tex. Coll. Ind. Arts, 1917-9; Kans. State Agr. Coll., 1921-3; Univ. Ariz., 1923-. —*b.* Worthington, Minn., July 30, 1885; *s.* Julius and Mary Louise (Clute) C; reared in town. B.S., Columbia Univ., 1909; A.M., 1921. Kappa Kappa Gamma.

Crist, John William, asst. prof. hort. and res. asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Instr. bot., Univ. Neb., 1920-3; res. asst., Carnegie Inst., 1920-3; present position, 1923-. —*b.* Scott's Station, Mo., Apr. 18, 1887; *s.* John Wm. and Leona (Ray) C.; reared in town; *m.* Hazel May Scott, May 1, 1907; *c.* Thos. Dean, David Scott, Horace Dyer. A.B., Neb. Wesleyan Univ., 1919; A.M., 1920; Ph.D., Univ. Neb., 1923. Sigma Xi; Phi Kappa Phi; Alpha Gamma Rho.

Crittenden, Lee Wright, dir. N. Y. State Sch. Agr., Cobleskill, N. Y.

Instr. agr., Cortland Normal Sch., 1913-7; Chamberlain Inst., Randolph, N. Y., 1917-8; agrl. agt. Middlesex Co., N. J., 1918-9; Albany Co., N. Y., 1919-23; present position, 1923-. —*b.* Oswayo, Pa., July 1, 1884; *s.* Shubel Edgar and Ida Viola (Rowlee) C.; reared on farm; *m.* Mildred Maria Sliter, Aug. 16, 1916; *c.* Chas. Edgar, Jane Sliter. B.S., Cornell Univ., 1913.

Critz, Hugh, ind. agt. Miss. Power and Light Co., Jackson, Miss.

Grade teach. city schs., 1896-9; agrst. in agrl. schs., Ala., 1899-1903; supt. sch., Starkville, Miss., 1903-6; dept. math., Miss. A. & M. Coll., 1906-10; dept. agron., 1910-4; dir. sch. ind. educ., 1914-6; princ. Bolton Coll., 1916-8; pres. State Agrl. Sch., Russellville, Ark., 1918-23; dir. serv. bur., Miss. A. & M. Coll., 1923-5. —*b.* Starkville, Miss., Dec. 21, 1876; *s.* Wiley H. and America (Moon) C.; reared in town; *m.* Julia Gillespie; *c.* H. Melville, W. Gillespie, Julia Moon. B.S.A., Miss. A. & M. Coll., 1896.

Crocheron, Bertram Hanford, prof. ext., dir. agrl. ext., Univ. Calif., Berkeley, Calif.

Princ. agrl. high-sch., Baltimore Co., Md., 1909-13; assoc. prof. ext., 1913-9; present position, 1919-. (Rural community organization). —*b.* N. J., May 21, 1882; *s.* David E. and Flora V. (Hanford) C.; reared in country. B.S.A., Cornell Univ., 1908; M.S.A., 1909. Alpha Zeta.

Crocker, William, dir. Boyce Thompson Inst. for Plant Res., 1086 N. Broadway, Yonkers, N. Y.

Fellow bot., Univ. Chicago, 1904-6; asst. plant physiol., 1906-7; assoc., 1907-8; instr., 1909-11; asst. prof., 1911-5; assoc. prof., 1915-21; plant physiol. and collaborator, U. S. Dept. Agr., 1913-8; exchange prof., Univ. Wis., 1921; present position, 1921-. Fellow A. A. A. S.; pres. Bot. Soc. Amer., 1924-5; chm. physiol. sect., 1921-2. —*b.* Medina, O., Jan. 27, 1876; *s.* Chas. David and Catherine (House) C.; reared on farm; *m.* Persis D. Smallwood, Sept. 3, 1910; *c.* John S., David R. B.A., Univ. Ill., 1902; A.M., 1903; Ph.D., Univ. Chicago, 1906. Sigma Xi; Phi Kappa Phi; Gamma Alpha (nat. pres., 1910-2).

Crockett, Walter Hill, ed. publications and dir. State Publicity Bur., Univ. Vt., Burlington, Vt.

Asst. night ed., Burlington, Vt., Free Press, 1895-1901; news ed., St. Albans Messenger, 1901-9; manag. ed., Montpelier Morning Journal, 1909-12; official reporter, Vt. House of Representatives, 1912-5. Presidential elector, 1912; alderman, City of Burlington, 1921-. Sec. Vt. Soc., Sons of Amer. Revolution; corresponding sec., Vt. Hist. Soc. *Auth.*: History of Lake Champlain, 1909; Vermont, Its Resources and Opportunities, 1915; George Franklin Edmunds, 1920; History of Vermont (5 vols.), 1921-. —*b.* Colchester, Vt., June 26, 1870; *s.* Chas. W. and Martha (Hill) C.; reared on farm; *m.* Kate M. Chamberlain, May 1902; *c.* Eleanor A., Chas. N., Elizabeth.

Crofts, Alfred Henry, instr. voc. agr., high-sch., N. Stonington, Conn.

Farmer, Eston, Sask., 1914-7. Served in U. S. Army, 1917-9. —*b.* Hanover, Conn., Nov. 3, 1895; *s.* John W. and Jane C. (Carpenter) C.; reared on farm; *m.* Alice Larkham, June 29, 1922; *c.* Gene Larkham. B.S., Conn. Agr. Coll., 1923.

Cromer, Clinton Otis, prof. farm crops, Penn. State Coll., State College, Pa.

Asst. agrst., Purdue Univ. Exp. Sta., 1906-14; assoc. soils and crops, 1914-20; present position, 1920-. —*b.* Middletown, Ind., Feb. 2, 1881; *s.* Rush H. and Emma F. (Sayford) C.; reared on farm; *m.* Abbie E. Henby, Mar. 23, 1921; *c.* Ruth Frances, Ellen Naomi. B.S.A., Purdue Univ., 1906.

Cromer, M. E., co. agrl. agt., Greenfield, Ind.

b. Middletown, Ind., Mar. 4, 1890; reared on farm; *m.* Ida Clark Richards, Sept. 1, 1918. B.S.A., Purdue Univ., 1914.

Cromer, Samuel Sayford, prof. agrl. educ., Purdue Univ., La Fayette, Ind.

Instr. educ., Purdue Univ., 1912-4; asst. prof. agrl. educ., 1914-6; assoc. prof., 1916-20; prof., 1920-. —*b.* Middletown, Ind., Apr. 5, 1887; *s.* Rush Henry and Emma Frances (Sayford) C.; reared on farm; *m.* Hortense Miller, Aug. 4, 1915; *c.* Catherine Ann. A.B., Wittenberg Coll., 1912; B.S.A., Purdue Univ., 1914. Beta Theta Pi; Kappa Delta Pi.

Cromwell, Arthur D., prof. agr., State Normal Sch., West Chester, Pa.

Prof. agr. and educ., Humboldt Coll., 1896-1912; sent by U. S. Dept. Agr. to teach agr. to teachers in Porto Rico, 1912; present position, 1913-. Formerly agt., Chester Co. Farm Bur. *Auth.*: Agriculture and Life, 1915; Alfalfa for New England, 1915. —*b.* Popejoy, Ia., Sept. 29, 1879; *s.* Frank C. and Elizabeth (Clinesmith) C.; reared on farm; *m.* Sarah E. Wright, June, 1895; *c.* Helen, Seymour, Gertrude. M.Ph., Humboldt Coll.

Cron, Alexander B., supt. Tex. Agr. Exp. Sta. Substa. No. 5, Temple, Tex.

Specialist in alfalfa cult., U. S. Dept. Agr., 1908-13; asst. in field stas., Amarillo, Tex., 1913-7; in chg. sta., Chillicothe, 1918-23; present position, 1923-. (Dry land forage crops). —*b.* Augusta, Kans., Jan. 4, 1883; *s.* A. G. and Emma F. (Womer) C.; reared on farm; *m.* Bessie Minerva Nicolet, Dec. 7, 1910; *c.* Ralph Nicolet, Lawrence Everett, Minerva Marie, Frances Louise. B.S., Kans. State Agr. Coll., 1908.

Crookshank, Luther Vincent, supt. schs., Hamilton, Mo.

Princ. high-sch., Bethany, Mo., 1912-4; supt. schs., Braymer, 1914-6; prof. chem., Teach. Coll., Kirksville, 1917; present position, 1918-. Dir. Hamilton Pig Club. (Agrl. educ.). —*b.* Browning, Mo., Dec. 19, 1889; *s.* J. R. and Martha (Sayers) C.; reared on farm; *m.* Julia Kirk, May 25, 1914; *c.* Robt. B.S., State Teach. Coll., Kirksville, 1912.

Crosby, Cyrus Richard, prof. ent. ext., Cornell Univ., Ithaca, N. Y.

Asst. ent., Univ. Mo., 1904-5; ent. invest., Cornell Exp. Sta., 1906-9; asst. prof., Cornell Univ., 1909-13; prof. ext. ent., 1913-. *Auth.*: (with Slingerland) Manual of Fruit Insects, 1914; (with Leonard) Manual of Vegetable-Garden Insects, 1918. —*b.* Penn Yan, N. Y., Jan. 9, 1879; *s.* Isaac and Drusilla (Eddy) C.; reared on farm; *m.* Nellie G. Heck, Dec. 16, 1905. A.B., Cornell Univ., 1905.

Crosby, Dick Jay, prof. ext. teach., Cornell Univ., Ithaca, N. Y.

Instr. English, Mich. Agr. Coll., 1893-9; asst. agr., U. S. Dept. Agr., 1901-5; specialist in agrl. educ., U. S. Dept. Agr., 1905-; farmer and part-time ext. teach., Cornell Univ., 1913-5; present position, 1915-. (Res. in ext. methods). —*b.* Elbridge, Mich., Oct. 2, 1866; *s.* Daniel Way and Agnes (Colestock) C.; reared on farm; *m.* Mary Lilian Wheeler, 1902; 2d, Mrs. Addie J. Irwin, 1914; *c.* Ruth, Alan Wheeler, Richard Collier. B.S., Mich. Agr. Coll., 1893; M.S., 1901. Alpha Zeta.

Crosby, Matt A., asst. in market information, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

With U. S. Dept. Agr., 1902-22; special expert U. S. Tariff Comn., 1923; present position, 1924-. —*b.* Hart, Mich., Aug. 2, 1875; *s.* Daniel Way and Agnes (Colestock) C.; reared on farm. B.S., Mich. Agr. Coll., 1902. Alpha Zeta.

Cross, Frank Baker, assoc. prof. hort., Okla. A. & M. Coll., Stillwater, Okla.

Instr. hort., Okla. A. & M. Coll., 1916-8; asst. prof., 1918-20; agrl. agt. Burlington Co., N. J., 1920-2; abstract and farm loan business, 1922-3; present position, 1923-. (Pom.). —*b.* Racine, O., Feb. 1, 1891; *s.* David B. and Amanda (Batey) C.; reared on farm; *m.* Fearn Hamilton, 1920; *c.* Hays Hamilton. B.S., Ohio State Univ., 1916. Delta Theta Sigma.

Cross, James Garland, specialist in transportation, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Farmer, Md., 20 yrs.; rep. seven large railway lines in East, 12 yrs.; present position, 1918-. —*b.* Richmond, Va., Mar. 13, 1885; *s.* Nat. Benj. and Ella (Miner) C.; reared in city and on farm; *m.* Lillian Tyler Eubank, Mar. 11, 1908; *c.* Jas. G. Jr. Student Randolph-Macon Coll., Med. Coll. of Va.

Cross, Lewis Josephus, prof. agrl. chem., Cornell Univ., Ithaca, N. Y.

Asst. prof. agrl. chem., Cornell Univ., 1912-4; prof., 1914-. *Ed.*, The Cornell Chemist, 1912-4. —*b.* Hoosick Falls, N. Y., Oct. 15, 1874; *s.* Waite J. and Hannah M. (Scriven) C.; reared on farm; *m.* Jessie B. Kerr, Dec. 23, 1915; *c.* Margaret E. A.B., Cornell Univ., 1909; Ph.D., 1912. Sigma Xi; Gamma Alpha.

Crossman, Paul Stevens, co. agrl. agt., Smethport, Pa.

Asst. farm manag., U. S. Dept. Agr., 1915; food emergency agt., 1917. Farm operator. —*b.* Hamilton, Pa., Dec. 18, 1890; *s.* Everett Lincoln and Mary Alice (Croasmun) C.; reared on farm; *m.* June 15, 1918. B.S., Penn. State Coll., 1917. Alpha Zeta; Phi Kappa Phi.

Crossman, Samuel Sutton, ent., Bur. Ent., U. S. Dept. Agr., Melrose Highlands, Mass.

b. Needham, Mass., May 30, 1886; *s.* Thos. Jas., and Eliza Ann (Sutton) C.; reared in town; *m.* Pauline Haskell, Dec. 30, 1912; *c.* Faith Sutton, Margaret, Ruth, Elizabeth. B.Sc., Mass. Agr. Coll. and Boston Univ., 1909.

Crouch, Harry Ensign, asst. dir. N. Y. State Bur. Markets, Dept. Farms and Markets, Albany, N. Y.

Manag. Univ. Ill. dairy farm, 11 yrs.; manag. dairy farm, Ann Arbor, Mich.,

3 yrs.; manag. Albany Co. Farm Bur., 4 yrs.; manag. Albany distr. for Dairymens League, 1 yr. —*b.* Cohocton, N. Y., June 10, 1878; *s.* Joel M. and Rose Ella (Slayton) C.; reared on farm; *m.* Mary J. Pierce, Dec. 24, 1902; *c.* Mary J., James E., Francis Richard. Studied Cornell Univ., 3 yrs. Gamma Alpha.

Crouch, W. E., biol. asst., U. S. Dept. Agr., State House, Boise, Ida.

b. Napoleon, N. D., Nov. 25, 1891; *s.* E. J. and Cora B. (Lampman) C.; reared on farm and in town; *m.* Lulu M. Fowler, May 11, 1918; *c.* Betty Marie. B.S., N. D. Agr. Coll., 1916. Alpha Gamma Rho.

Croy, Otto Clement, asst. state club leader, Ohio State Univ., Columbus, O.

Teach. agr., high-sch., Medford, Minn., 1913-4; Fergus Falls, 1914-7; club agt. Muskingum Co., O., 1917-9; present position, 1919-. —*b.* Dresden, O., Aug. 3, 1890; *s.* Henry and Lucy (Cooksey) C.; reared on farm; *m.* Tirzah McGinnis, June 12, 1913. B.S.A., Ohio State Univ., 1913. Delta Theta Sigma.

Cruess, William Vere, assoc. prof. fruit products, Univ. Calif., Berkeley, Calif.

Asst. zymology, Univ. Calif., 1911-3; asst. prof., 1913-21; assoc. prof., 1921-. Farmer, 8 yrs. (Utilization of waste fruits and vegetables, canning and dehydration). —*b.* San Miguel, Calif., Aug. 9, 1886; *s.* Wm. V. and Lucy M. (Withrow) C.; reared on farm. B.S., Univ. Calif., 1911. Sigma Xi; Sigma Phi; Alpha Chi Sigma; Phi Lambda Upsilon; Alpha Zeta.

Cruickshank, Robert Bacon, with Chas. E. Merrill Co., text-book publishers, 492 W. 7th Ave., Columbus, O.

Chg. 1200-acre orchard, Ore., 1910-2; ext. prof. hort., Ohio State Univ., 1912-24; superv. orchards, 1924-. Sec. O. State Hort. Soc., 1916-24; sec.-treas. Amer. Pom. Soc., 1920-3. *Hort. ed.*, National Stockman and Farmer, 1923-4. —*b.* Syracuse, N. Y., Oct. 12, 1885; *s.* Robt. and Margaret (Bacon) C.; reared in city; *m.* Marion E. Coburn, Mar. 4, 1912; *c.* Mary Adeline, Robt. Jr. Margaret Jean, Martha Bates, Marion Florence. B.S., Univ. Me., 1910. Beta Theta Pi; Alpha Zeta.

Crumb, Samuel Ebb, ent. asst., Bur. Ent., U. S. Dept. Agr., Box 346, Clarksville, Tenn.

Asst. ent., Tex., 1908-9; present position, 1909-. (Noctuid larvæ, leafhoppers). —*b.* Galena, Kans., June 11, 1880; *s.* Leander A. and Sarah (Weaver) C.; reared on farm; *m.* Ruth A. Burchett, Nov. 30, 1911; *c.* Elizabeth R., S. E. Jr. B.A., Univ. Kans., 1908. Sigma Xi.

Culbertson, Charles Calvin, asst. chief an. husb., Ia. Agr. Exp. Sta., Ames, Ia.

Served in U. S. Army, 1918-9. —*b.* Chariton, Ia., Aug. 28, 1893; *s.* John and Clara (Hollinger) C.; reared in town. B.S., Ia. State Coll., 1918; M.S., 1925. Sigma Phi Epsilon; Alpha Zeta; Gamma Sigma Delta.

Culbertson, James Downer, lemon and walnut grower, Santa Paula, Calif.

Bookkeeper and teller, 1st Nat. Bank of Santa Paula, 1906-8; asst. manag. and general supt. Limoneira Co., growers of lemons, oranges, walnuts, 1908-. Pres. Calif. Citrus Inst.; formerly pres. Lemon Men's Club of S. Calif. Plant-collecting exped. into Sierras, 1904. —*b.* Nuckolls Co., Neb., Oct. 12, 1879; *s.* Stephen Robt. and Mary Estelle (Downer) C.; reared on farm; *m.* Bertha M. Eldredge, Aug. 8, 1908; *c.* Helen Jean, Barbara Eldredge, Jas. D. Jr. B.A., Pomona Coll., 1904.

Culbertson, Raymond E., dir. agr. in public schs., Glassboro, N. J.

Asst. superv. agr., W. Lampeter Voc. Sch., Pa., 1922-3; present position, 1923-. —*b.* Franklin Co., Pa., Nov. 2, 1899; *s.* David I. and Emma Margaret (Shearer) C.; reared on farm; *m.* Sara A. Hartman, June 28, 1924. B.S., Penn. State Coll., 1921. Alpha Zeta; Phi Kappa Phi.

Culley, Frank Hamilton, lands. arch. and town planner, Denver, Colo.

Asst. prof. lands. gard., Ia. State Coll., 1914-5; assoc. prof., 1915-8; prof. lands. arch., 1918-22. Mem. Country

Planning Com., Amer. Civic Assoc. (Recreational lands. design, country planning). —*b.* Fort Dodge, Ia., Aug. 7, 1888; *s.* Charley Hamilton and Ida May (Keeler) C.; reared in town. B.S., Mass. Agr. Coll., 1913; Mast. Lands. Arch., Harvard Univ., 1914.

Cullinan, Frank Patrick, assoc. in pom., Purdue Univ. Agr. Exp. Sta., La Fayette, Ind.

Instr. pom., Purdue Univ., 1917-9; asst. pom., Exp. Sta., 1919-21; assoc., 1921-. —*b.* Stanley, N. Y., Sept. 28, 1895; *s.* M. C. and Rose (Conroy) C.; reared on farm. B.S., Cornell Univ., 1917.

Cumming, Melville, princ. Coll. of Agr., Truro, N. S.

Asst. prof. an. husb., Ont. Agr. Coll., 1901-5; princ. Coll. Agr., N. S., 1905-; sec. for agr., Province of N. S., 1907-. Traveled in Great Britain and Europe studying and purchasing live-stock. —*b.* Stellarton, N. S., Jan. 5, 1876; *s.* Thos. and Matilda (McNair) C.; reared in town and country; *m.* Mary Alice Archibald, June 13, 1905; *c.* Jean, Alison Archibald, Mary Rutherford, Melville Erskine, Katharine Archibald. B.A., Dalhousie Univ., Halifax, 1897; B.S.A., Ia. State Coll., 1900; B.S.A., Toronto Univ., 1901; LL.D., Dalhousie Univ., 1919.

Cummings, Abraham L. T., manag. Me. State Chamber of Commerce and Agrl. League, Portland, Me.

Formerly reporter and ed., Biddeford and Portland, Me.; western Me. staff rep. Boston Herald; clerk, common council, Portland, 7 yrs.; deputy collector revenue, 5 yrs.; city clerk, 3 yrs.; publicity sec., Portland Chamber Commerce, 2 yrs.; agrl. ed. and chg. dept. journalism, Univ. Me. Contr. to Book of Rural Life. —*b.* Saco, Me., Feb. 13, 1865; *s.* John G. and Theodate (Tasker) C.; reared in city and country; *m.* Angie F. Morton, Sept. 3, 1889.

Cummings, Clarence, teach. agr., Colebrook Acad., Colebrook, N. H.

b. Colebrook, N. H., Sept. 20, 1901; *s.* Willard C.; reared on farm. B.S., Univ. N. H., 1923. Alpha Zeta.

Cummings, Marshall Baxter, prof. hort., Univ. Vt., Burlington, Vt.

Sec. Vt. Hort. Soc. —*b.* N. Thetford, Vt., Dec. 2, 1876; *s.* H. P. and Alpha Maria (Baxter) C.; reared on farm; *m.* Lura Alice Bugbee, Aug. 24, 1910; *c.* Preston Curtis, M. B. Jr. B.S., Univ. Vt., 1901; M.S., Univ. Me., 1904; Ph.D., Cornell Univ., 1909. Sigma Xi; Alpha Zeta; Gamma Alpha.

Cunningham, Clarence Carl, asst. prof. farm mech., Purdue Univ., W. La Fayette, Ind.

Farmer, Kempton, Ind., 1914-5; special instr. civil engin., summer camp of Purdue, 1914, 15, 18, 19; engin. corps, Penn. R. R., Fort Wayne, Ind., 1916; asst. farm mech., Purdue Univ., 1916-7; instr., 1917-8; asst. prof., 1918-. —*b.* Kempton, Ind., June 7, 1890; *s.* A. Granville and Mary (Hargrave) C.; reared in country; *m.* Jessie Fern Ploughe, June 7, 1914. B.S.C.E., Purdue Univ., 1914.

Cunningham, Everett C., teach. voc. agr., high-sch., Washburn, Me.

b. Patten, Me., Oct. 26, 1900; *s.* Chas. E. and Gertrude (Ingraham) C.; reared on farm; *m.* Eula Roberts, Aug. 10, 1921; *c.* Evelyn Norma, Chas. Everett. B.S.A., Univ. Me., 1923. Alpha Zeta.

Cunningham, J. B., co. agrl. agt., Goshen, Ind.

Teach. voc. agr., high-sch., Loogootee, Ind., 1917; instr. agr. for disabled soldiers, Mooseheart, Ill., 1919-22. Served in Field Art., A. E. F. —*b.* Loogootee, Ind., July 15, 1893; *s.* Frank and Frances (Hopkins) C.; reared on farm; *m.* Elizabeth Meyer, Oct. 28, 1924. B.S.A., Purdue Univ., 1916. Phi Kappa Kappa.

Cunningham, John Ferguson, pub. Wisconsin Agriculturist, Racine, Wis.

Instr. hort. and for., Ohio State Univ., 1898-9; ed. Ohio Farmer, 1899-1922; present position, 1922-. Mem. Bd. of Trustees, Ohio State Univ. 8 yrs. Farm operator. *Ed.,* Journal Columbus Hort. Soc. Co-founder Agricultural Student Magazine, 1894; ed., 1894-8.—

b. Afton, Ia., Feb. 4, 1877; *s.* Robt. Henry and Virginia Ross (Loy) C.; reared in country; *m.* Edna Mumper, Oct. 30, 1907; *c.* John F. Jr., Richard M. B.Sc., Ohio State Univ., 1897; M.Sc., 1899. Sigma Xi; Phi Gamma Delta; Alpha Zeta (co-founder).

Cunningham, Omer Cole, prof. dairying, N. Mex. A. & M. Coll., State College, N. Mex.

Prof. dairying and an. husb., Winona Coll. Agr., Ind., 1906-9; instr. dairying, Ohio State Univ., 1909-11; asst. prof., 1911-8; dairy husb., Bur. An. Ind., U. S. Dept. Agr. —*b.* Switzerland Co., Ind., Apr. 15, 1882; *s.* Jonathan R. and Margaret O. (Cole) C.; reared on farm; *m.* Anna Blanche Eaton, July 2, 1908; *c.* Jonathan R. B.S.A., Purdue Univ., 1906.

Cunningham, Walter Stanley, prof. dairy husb., Univ. Ariz., Tucson, Ariz.

Asst. an. husb., N. Mex. A. & M. Coll., 1912-4; present position, 1914-. —*b.* Ind., Mar. 21, 1885; *s.* J. R. and Margaret O. (Cole) C.; reared on farm; *m.* Clara M. Schroeder, Aug. 26, 1915. B.S.A., Purdue Univ., 1909.

Curran, Hugh McCollum, for., N. C. Dept. Agr., Raleigh, N. C.

Instr., N. C. State Coll., 1898; hort., U. S. For. Serv., 1900-3; Houston Oil Co., 1903-5; Philippine Isls., 1906-13; asst. prof. for. manag., Univ. Philippines, 1912; for., Argentina, 1913-5; Bahia Co., Brazil, 1916-9; lect. trop. for., Yale Coll. For., 1916-9; collaborator, 1919-; present position, 1921-. Vice-chm. Appalachian sect., Soc. Amer. For.; mem. exec. com., N. C. Pecan Growers Assoc. Traveled in Orient, Europe, S. Amer. —*b.* N. Y. City, Nov. 16, 1875; *s.* Daniel C. and Mary Frances (Howard) C.; reared in town; *m.* Elma Hege Pfohl, 1912; *c.* Hugh M. Jr., Howard Hunt, Mary Louise. B.S., N. C. State Coll., 1898; special in for., Cornell Univ., 1900.

Currier, Edwin L., prof. farm manag. and head dept. of Exp. Sta., Mont. Agr. Coll., Bozeman, Mont.

b. St. Edward, Neb., Oct. 24, 1887; *s.* John W. and Adella (Lovejoy) C.; reared on farm; *m.* Bernice Chambers, June 4, 1914; *c.* Helen, Merrill Chambers. B.S., Univ. Neb., 1912.

Curtis, Franklin Richards, co. agrl. agt., Alexandria, La.

Agt. Craighead Co., Ark., 1913-4; agt. Marengo and Sumter Cos., Ala., 1914-6; agt. Marengo, Hale and Perry Cos., 1916-7; dir. Canebrake Agr. Exp. Sta., Uniontown, Ala., 1917; agt. Marengo Co., 1918-9; New Orleans Cattle Loan Co., 1919-24; agrl. agt. Rapides Parish, La., 1924-. —*b.* Shelby Co., Ala. Jan. 4, 1894; *s.* Joseph Franklin and Kate (Richards) C.; reared in small town; *m.* Anne Beall McCants, Jan. 25, 1918. B.S., Ala. Poly. Inst., 1912. Lambda Chi Alpha.

Curtis, Henry S., dir. hygiene and physical educ. for State of Mo., Jefferson City, Mo.

Teach. English, N. Y. City high-sch., 1899-1905; general dir. playgrounds, N. Y. City, summer, 1898-1901; lect. Columbia Univ., summer, 1893; lect. World's Fair, summer, 1894; superv. playgrounds, Distr. Columbia, 1905-9; sec. Playground Assoc. of Amer., 1906-9. Y. M. C. A. recreation work in France. Traveled in Europe and Porto Rico. *Auth.*: Play and Recreation for the Open Country, 1904; Education Through Play, 1915; The Practical Conduct of Play, 1915; The Play Movement and its Significance, 1917; Recreation for Teachers, 1918. —*b.* Olivet, Mich., Feb. 9, 1870; *s.* Samuel and Mary (Stoddard) C.; reared on farm; *m.* Charlotte Doremus Scudder, Nov. 25, 1902; *c.* Henry Stoddard, Bessie Scudder, Elnora Charlotte. A.B., Olivet Coll., 1894; A.B., Yale Univ., 1895; Ph.D., Clark Univ., 1898. Phi Alpha Pi.

Curtis, John Gerrit, co. agrl. agt., White Plains, N. Y.

Lect. N. Y. State farmers insts., 1904-15; also N. J. and W. Va. insts.; agt. Westchester Co., 1915-. Chg. Chilean govt. exhibit fert. materials, World's Fair, 1893; U. S. govt. exhibit, St. Louis Expos., 1904. Invest. phosphate mines of S. C., Fla., Tenn., Canada. Farm operator. (Soil fert.).

—*b.* Rochester, N. Y., Aug. 8, 1870; *s.* Geo. M. and Mary E. (Campbell) C.; reared on farm; *m.* Martha Elizabeth Heermans, June 2, 1906. Grad. Genesee Wesleyan Sem., Lima, N. Y., 1890.

Curtis, Ralph Wright, prof. ornamental hort., Cornell Univ., Ithaca, N. Y.

Asst. supt. parks, Boston, 1906-9; asst. supt. Arnold Arboretum, Mass., 1909-12; with Warren H. Manning, lands. designer, 1912; asst. prof. lands. art, Cornell Univ., 1912-5; prof., 1915-. —*b.* Burlington, Wis., Dec. 8, 1877; *s.* Chas. Burritt and Mira (Vail) C.; reared in town; *m.* Alison M. Pettigrew, Sept. 3, 1910. B.S.A., Cornell Univ., 1901; M.S.A., 1905. Alpha Zeta; Gamma Alpha.

Curtis, Robert Seth, chief an. husb. div., N. C. Exp. Sta. and Ext. Serv., Raleigh, N. C.

With N. C. State Coll., 1906-. Chm. Council Live Stock Res., S. States, 1923-; sec. N. C. Live Stock Assoc.; vice-pres. S. Cattlemens Assoc. for N. C. —*b.* Fredonia, Ia., Feb. 14, 1881; *s.* Edward S. and Mary (Newell) C.; reared on farm; *m.* Myrtle Harriett Spangler, Jan. 1, 1907; *c.* Robt., Kenneth, Margaret, Richard, Eugene, Reiley, Nellie. B.S.A., Ia. State Coll., 1905. Alpha Zeta; Gamma Alpha.

Curtiss, Charles F., dean and dir. Div. Agr., Ia. State Coll., Ames, Ia.

Dir. Ia. State Bd. Agr.; dir. and exec. com., Intern. Live-Stock Expos.; pres. Amer. Berkshire Assoc.; ex-pres. Shropshire Assoc.; dir. Percheron Soc. of Amer.; dir. and exec. com., Nat. Soc. Live-Stock Record Assoc. Mem. horse-breeding and meat invest. com., U. S. Dept. Agr. Special invest. for U. S. Dept. Agr., Great Britain and Mexico. Consulting ed., Agricultural Digest. Farm operator. —*b.* Nora, Ill., Dec. 12, 1863; *s.* Franklin and Margaret (Schmitz) C.; reared on farm; *m.* Olive Wilson, Feb. 15, 1893; *c.* Ruth, Edith, Helen. B.S., Ia. State Coll., 1887; M.S., 1894; D.Sc., Mich. Agr. Coll., 1907. Delta Tau Delta.

Curtiss, Edward A., dir. agr., high-sch., Blandinsville, Ill.

Dir. agr., high-sch., Greenfield, Ill., 1922-3; Augusta, 1923-4; Blandinsville, 1924-. Served in Tank Corps, U. S. Army, World War. —*b.* Stockton, Ill., Sept. 28, 1897; *s.* Wm. G. and Lora G. C.; reared on farm and in town. B.S., Univ. Ill., 1922. Delta Phi.

Cushman, Harriette E., poultry specialist, Mont. State Coll., Bozeman, Mont.

Biochem., Training Sch., Vineland, N. J., 1915; manag. poultry dept., 1917-8; biochem., Pittsburgh, 1916; co. club leader, Univ. Ida., 1919-20; asst. poultry specialist, 1920; lab. asst. poultry path., Univ. Calif., 1921; present position, 1922-. —*b.* Birmingham, Ala., Dec. 6, 1890; *d.* John M. and M. Emma (Taylor) C.; reared in town and country. B.S., Cornell Univ., 1914; grad. poultry course, Rutgers Coll., 1919.

Cushman, Sylvester C., farmer, Wyocena, Wis.

Sch. teach., 1893-1902; co. supt. schs., 1903-9; supt. Columbia Co. Asylum, 1909-. Pres. State Poland-China Breeders Assoc., 1922-3; sec. Columbia Co. Holstein and Poland-China Assoc. —*b.* Columbia Co., Wis., Jan. 9, 1874; *s.* Orlando C. and Joanna (Glover) C.; reared on farm; *m.* Jessie Utter, Aug. 15, 1898; *c.* Lloyd C., Irma I.

Custis, Horace Hatch, chem., U. S. Dept. Agr., Washington, D. C.

Asst. chem., Geo. Washington Univ., 1907-8; collaborating chem., Bur. Chem., 1909-. (Chem. of insecticides and fungicides). —*b.* Washington, D. C., Mar. 16, 1884; *s.* Jas. B. Gregg and Catharine (Ritter) C.; reared in city; *m.* Corinne Norment, Dec. 28, 1909; *c.* Horace H. Jr., Henry Norment, Philip Snowden, J. B. Gregg. A.B., Johns Hopkins Univ., 1906; M.A., Geo. Washington Univ., 1908; Ph.D., 1916. Phi Kappa Psi.

Cutler, Garnet Homer, prof. field husb., Univ. Alta., Edmonton, Alta.

Lect. cereal husb., McDonald Coll., McGill Univ., 1909-12; prof. cereal husb., Univ. Sask., 1913-6; present position, 1917-. Mem. Provincial Seed Bd. of Alta.; chm. Provincial Com. on

Field Crop Expts.; chm. plant-breeding com., W. Canadian Soc. Agron. —*b.* Arkona, Ont., June 12, 1882; *s.* Albert Elgin and Annie Sarah (Belton) C.; reared on farm; *m.* Gertrude Campbell, June 6, 1911; *c.* Mabelle Gertrude. B.S.A., Toronto Univ., 1909.

D

Daane, Adrian, prof. agron. and head dept., Okla. A. & M. Coll., Stillwater, Okla.

Asst. prof. agron., Okla. A. & M. Coll., 1914-8; assoc. prof., 1919-22; acting head, 1922-4; prof. and head, 1924-. (Cereal crops). —*b.* Fairwater, Wis., Apr. 7, 1882; *s.* Adrian and Sarah (Roelse) D.; reared on farm; *m.* Bessie Hill, 1910; *c.* Lois, Elizabeth, Adrian Jr. Ph.B., Univ. Wis., 1913; M.S., 1914. Alpha Zeta.

Dachnowski, Alfred Paul, physiologist, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. plant physiol., Univ. Mich., 1903-6; collaborator, Mich. Geol. Survey, 1906; prof. biol. and chem., Mich. Military Acad., 1906-7; asst. prof. bot., Ohio State Univ., 1907-14; collaborator, U. S. Bur. Plant Ind., 1908-9; collaborator Geol. Survey of O. and U. S. Bur. Mines, 1909-12; present position, 1915-. Fellow A. A. A. S. (Peat invests.). —*b.* Koenigs-Hutte, Germany, Jan. 23, 1875 (naturalized 1898); *s.* John Theophil and Anna (Gnielinski) D.; reared in city; *m.* Margaret Stokes Finney, June 20, 1913; *c.* Richard Joseph, Alfred P. Jr. Grad. Univ. Berlin, 1900; Univ. Vienna, 1901; Ph.D., Univ. Mich., 1906. Sigma Xi.

Dack, Clarence Wilbur, co. agrl. agt., Decorah, Ia.

Teach. rural schs., 1904-6; farmer, Dickinson Co., Ia., 1908-20; asst. agrl. agt. Dallas Co., 1920-1; agrl. agt. Winneshiek Co., 1921-. —*b.* Dallas Co., Ia., 1885; *s.* John W. and Nancy A. (Fox) D.; *m.* Hettie Bass, June 21, 1908; *c.* Jas. Student Drake Univ.

Dacy, Arthur Lincoln, farmer, Hickory Hill Farm, 104 W. Main St., Westboro, Mass.

Asst. hort., W. Va. Exp. Sta., 1908-12; assoc. prof. hort. and assoc. hort. Exp. Sta., W. Va. Univ., 1912-8; formerly assoc. prof. veg.-gard., Mass. Agr. Coll. —*b.* S. Boston, Mass., Nov. 10, 1875; *s.* Geo. L. and Sarah A. (Kimball) D.; *m.* Amelia Muir Bachmann, Aug. 16, 1905; *c.* Geo. Alden, Muriel Louise, Earle Bachmann, Arthur Kimball. B.S.A., Mass. Agr. Coll., 1902.

Dadant, Camille Pierre, ed. American Bee Journal, Hamilton, Ill.

Beekeeper, 1868-. Del. to Intern. Beekeepers Assoc., Paris, 1900, Que., 1924. Decorated with the Order of the Crown of Belgium, Nov. 1920. *Auth.*: Hive and Honey Bee, 1907, rev. ed., 1924, translated into French, Spanish, Russian; A Bee Primer, 1914; First Lessons in Beekeeping, 1917; The Dadant System of Beekeeping, 1920, French ed., 1922, Italian ed., 1924. —*b.* Langres, France, Apr. 6, 1851 (naturalized 1872); *s.* Chas. and Gabrielle (Parisot) D.; reared in city and country; *m.* Marie Marinelli, Nov. 1, 1875; *c.* Louisa, Valentine, Louis, Henry, Maurice, Clemence, Harriette.

Dadisman, Andrew Jackson, prof. farm econ., Univ. W. Va., Morgantown, W. Va.

Teach. rural schs., 3 yrs.; town and city schs., 5 yrs.; Off. Farm Manag., U. S. Dept. Agr., 2 yrs. Farm help specialist for W. Va., 1917-8. —*b.* Grafton, W. Va., Feb. 5, 1881; *s.* Newton and Lucetta (Williamson) D.; reared on farm; *m.* Iona Smith, June 14, 1919. B.S.A., W. Va. Univ., 1914; M.S.A., Cornell Univ., 1914; Ph.D., 1924. Kappa Sigma.

Dadisman, Samuel Houston, dir. teach. training in agr., Univ. Wyo., Laramie, Wyo.

Asst. prof. agrl. educ., Ia. State Coll., 1914-5; assoc. prof., 1915-7; asst. prof. agrl. educ., Univ. Calif., 1917-21; present position, 1921-. Farmer, Bolton, Tenn., 1 yr.; W. Va., 2 yrs. *Auth.*: Elementary Exercises in Agriculture, 1914; Exercises in Agriculture, 1916; Methods of Teaching Vocational Agriculture, 1921. —*b.* Grafton, W. Va., June 12, 1879; *s.* Newton and Lucetta

(Williamson) D.; reared on farm; *m.* Esta Kemper, June 24, 1915. B.S.A., W. Va. Univ., 1912; M.S., Univ. Calif., 1917.

Dahl, Hilbert Einar, asst. prof. lands. arch., Penn. State Coll., State College, Pa.

Lands. arch., Penn. Bur. Municipalities, 1920-4; present position, 1924-. Served in A. E. F., 1917-9. —*b.* Chicago, Ill., Feb. 12, 1893; *s.* Adolf Mayer and Anna Margaret (Pettersen) D.; reared in city. B.S., Penn. State Coll., 1917; M.S., 1920. Phi Kappa Phi.

Dahlberg, Arthur Chester, chief in res. in chg. dairy dept., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Instr. dairying, Univ. Wis., 1915-7; creamery ext. specialist, N. D. Agr. Coll., 1917-9; supt. coop. creamery, N. D., 1919-21; present position, 1921-. —*b.* Curtiss, Wis., Jan. 1, 1896; *s.* Oke Abraham and Ella (Jensen) D.; reared on farm; *m.* Lenora Damuth, Aug. 23, 1917; *c.* Dale Arthur, Leola Lenora. B.S., Univ. Minn., 1915; M.S., 1916.

Dahlberg, Arthur F., teach. agr., high-sch., Redwood Falls, Minn.

1st Lieut. Inf., U. S. Army, 1917-9. —*b.* St. Paul, Minn., Oct. 20, 1894; *s.* Geo. D. and Laura (Henninger) D.; reared in city and on farm; *m.* Gladys M. Greenslit, Feb. 20, 1918; *c.* Roger Manford. B.S., Univ. Minn., 1917.

Dahle, Chester Distad, assoc. prof. dairy manufactures, Penn. State Coll., State College, Pa.

Instr. and asst. prof. dairy mfg., Univ. Minn., 1921-4; present position, 1924-. Served in A. E. F. —*b.* Cheney, Wash., Jan. 3, 1896; *s.* N. A. and Julia (Distad) D.; reared in town; *m.* Agnes F. Haedecke, Sept. 1922. B.S., Univ. Minn., 1920; M.S., 1921. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Delta Tau Delta.

Daingerfield, Lawrence Hite, meteorologist, U. S. Weather Bur., Houston, Tex.

Del. to 1st Pan-Pacific Sci. and Educ. Conference, Honolulu. *Auth.*: Geography of the Hawaiian Islands, 1925. —*b.* Dardenne, Mo., Feb. 24, 1873; *s.* Lawrence T. B. and Lucy Virginia (Hite) D.; reared on farm; *m.* Frances Virginia McNamara, June 19, 1901. Ph.B., N. W. Mo., Coll., 1895.

Dakan, Everett LeRoy, head dept. poultry husb., Ohio State Univ., Columbus, O.

Asst. poultry husb., Univ. Mo., 1917-8; prof., S. D. State Coll., 1918-9; present position, 1919-. Farm manag., Jackson Co., Mo., 1 yr. —*b.* Savannah, Mo., June 29, 1889; *s.* Spencer Brown and Elsie Jane (Watts) D.; reared on farm; *m.* Gladys Lovelle Ayers, Sept. 14, 1916; *c.* Elsie Jane, Everett Ayers. B.S.A., Univ. Mo., 1918.

Dakin, Marion Evans, nutr. ext. specialist, Conn. Agr. Coll., Storrs, Conn.

Instr. cooking and nutr., Pratt Inst., 1919-21; present position, 1921-. Pres. Conn. Home Econ. Assoc., 1924. —*b.* Sherman, Conn., Feb. 11, 1886; *d.* Chas. H. and Caroline (Helston) E.; reared in town; *m.* Robert Edward Dakin, Sept. 13, 1913; *c.* Theodore. B.S., Pratt Inst., 1908; student Columbia Univ., Univ. Chicago.

Dalbey, Dwight Stout, farmer, Beatrice, Neb.

Instr., Univ. Ill., 1902-3. Mem. Gage Bd. Supervisors, 1910-5; mem. Neb. Legislature, 1915-20; speaker House, 3 sessions. Pres. Gage Co. Farmers Inst., 1908-13. Traveled in Europe, Hawaii. —*b.* Taylorville, Ill., Sept. 22, 1878; *s.* Wm. M. and Mary (Hall) D.; reared on farm; *m.* H. Virginia Lewis, Dec. 23, 1903. B.S., Univ. Ill., 1902.

Dale, Carl Cone, co. agrl. agt., Ord, Neb.

2d Lieut. Field Art., U. S. Army, 1918. (An. husb.). —*b.* Waverly, Neb., Apr. 19, 1893; *s.* Isaac F. and Emma J. (Cone) D.; reared on farm; *m.* Marguerite L. Sowle, Sept. 21, 1918; *c.* Barbara Anne. B.Sc., Univ. Neb., 1918. Alpha Zeta.

Dalrymple, William Haddock, formerly dean Coll. Agr. and dir. Exp. Sta., La. State Univ., Baton Rouge, La.

Prof. comp. med. and vet. Exp. Sta., La. State Univ. Pres. U. S. Exp. Sta.

Vet. Med. Assoc., 1901-2; pres. Amer. Vet. Med. Assoc., 1907-8; pres. U. S. Live-Stock Sanitary Assoc., 1908-9; vice-pres. La. State Sanitary Assoc.; mem. exec. com. Nat. Live-Stock Assoc., 1902-4; former sec. La. State Agrl. Soc. and La. Stockbreeders Assoc.; ex-pres. La. Vet. Med. Assoc.; ex-pres. La. Soc. of Naturalists; mem. La. State Live-Stock Sanitary Bd. Reporter on anthrax for U. S. 10th Intern. Vet. Congress, London, 1914; mem. Intern. Congress on Tuberculosis, Washington, D. C., 1908; 15th Intern. Congress on Hygiene and Demography, Washington, 1912. Fellow Glasgow Vet. Med. Soc., Amer. Med. Assoc. Traveled in S. Africa and Europe. Former ed. live-stock dept., New Orleans Picayune; ed. Journal of Amer. Vet. Med. Assoc., 1918-9. *Auth.*: Veterinary Obstetrics, 1896; Livestock Sanitation, 1923. —*b.* Stranraer, Wigtownshire, Scotland, Apr. 23, 1856 (came to Amer. 1889); *s.* Thos. and Mary Eleanor (Haddock) D.; *m.* Mary Isabel Umpleby, Aug. 27, 1891; *c.* W. C. S., Mary Eleanor. M.R.C.V.S., London; grad. Glasgow Vet. Coll., 1886.

Dalzell, Charles Davies, teach. agr. and headmaster high-sch., Weare, N. H.

Gardener, Mass. Sch. for Feeble Minded, 5 mos.; herdsman, Broad Oak Farm, Dedham, Mass., 10 mos. Pres. N. H. Agrl. Teach. Club. —*b.* Gloucester, Mass., Jan. 17, 1895; *s.* Jas. and Mary E. D.; reared on farm; *m.* Mary Jane Philbrick, Aug. 12, 1922. B.S., R. I. State Coll., 1919. Lambda Chi Alpha; Tau Kappa Alpha.

Damisch, Herbert Raymond, instr. voc. agr., high-sch., Stockport, O.

b. Gilberts, Ill., Feb. 20, 1900; *s.* Wm. A. and Mina L. (Atchison) D.; reared on farm. B.S., Univ. Ill., 1923. Delta Sigma Lambda; Alpha Tau Alpha.

Dana, Bliss F., asst. prof. plant path., Wash. State Coll., Pullman, Wash.

Instr. bact. and asst. bact. Exp. Sta., Wash. State Coll., 1917-8; instr. plant path. and asst. plant path., 1918-23; asst. prof., 1923-. —*b.* Ridgeway, Kans., July 29, 1891; *s.* Luther Otis and Laura Mary (Chamberlin) D.; reared on farm; *m.* Henrietta Van Dyke, June 12, 1917; *c.* Roger Ernest, Bertha Mae, Doris Frances. B.S., Wash. State Coll., 1916; M.S., 1917.

Danforth, Herman W., vice-pres. and treas. Mo. Rolling Mill Corp. and vice-pres. Real Estate Mortgage Trust Co., St. Louis, Mo.

Teller First Nat. Bank, Kankakee, Ill., 1892-5; attorney, Peoria, Ill., 1899-1907; farm manag., Washington, Ill., 1907-17; pres. Fed. Land Bank, St. Louis, Mo., 1917-23. Pres. Farmers Grain Dealers Assoc., 2 yrs.; pres. Nat. Council Farmers Coop Assocs., 5 yrs.; pres. Tagewell Co. Farm Bur., 5 yrs.; pres. Ill. Agrl. Assoc., 1 yr. Traveled in Europe. —*b.* Danforth, Ill., June 15, 1872; *s.* Henry R. and Mary (Wenger) D.; reared in town; *m.* Louise Leonard, Oct. 18, 1905; *c.* Mary Louise, Elizabeth, Herman L. LL.B., Univ. Mich., 1899.

Daniel, Walter Roy, teach. agr., high-sch., Harrisonburg, La.

Fellow hort., La. State Univ., 1923-4; present position, 1924-. Served in U. S. Navy, 1918. (An. husb.). —*b.* Opelousas, La., Dec. 13, 1898; *s.* W. W. and Evie (Griffith) D.; reared on farm; *m.* Johnnie Brumfield, July 30, 1924. B.S., La. State Univ., 1924. Alpha Zeta.

Daniels, John Buford, co. agrl. agt., Texarkana, Ark.

Capt. Inf., U. S. Army, 1917-9. (Agron.). —*b.* Dermott, Ark., Dec. 29, 1895; *s.* John Buford and Annie (Cannon) D.; reared on farm and in town; *m.* Florence Owen, Apr. 20, 1922. Student Univ. Ark. Sigma Phi Epsilon.

Danielson, H. R., co. agrl. agt., Rugby, N. D.

Farm statistician, Marshall, Minn., 1904-6; farm manag. and instr. farm engin., N. W. Sch. Agr., Crookston, 1907-12; farm manag. for Wm. H. Bovey, Washburn Crosby Co., Minneapolis, 1915-8; co. agt. Pierce Co., N. D., 1918-. —*b.* Goodhue, Minn., June 2, 1880; *s.* John and Sophia (Larson) D.; reared on farm; *m.* Mae E. Meehl, May 2, 1906; *c.* Russell, Donald, Marjorie.

Danziger, Milton, asst. general manag. E. States Expos., Springfield, Mass.

Agrl. lect., Calif. Development Bd., San Francisco, 1911-6; field agt. ext. work, U. S. Dept. Agr., 1916-23; treas. Intern. 4-H Training Sch., 1923-5. Sec. Amer. Cadets World Tour, 1913-4. Served as Sergeant, U. S. Army, World War. —*b.* San Francisco, Calif., May 30, 1894; *s.* Louis and Dora (Katts) D.; *m.* Agnes Morton, June 25, 1919. Student San Francisco Sch. Commerce, Mass. Agr. Coll.

Darche, John H., strawberry-grower, Warsaw, Mo.

Assoc. ed. on hort., Missouri and Kansas Farmer, 8 yrs. —*b.* Ont., Canada, Feb. 6, 1840; *s.* Peter and Mary (Brown) D.; reared in village.

Darling, Floyd Nelson, co. agrl. agt., Huntington, W. Va.

Instr. voc. agr., high-sch., Walton, N. Y., 1912-3; formerly co. agrl. agt., Keene, N. H. Chm. Com. on Revision of Syllabus Voc. Agr., N. Y. State, 1912. —*b.* Coudersport, Pa., Aug. 12, 1885; *s.* Thaddeus S. and Mary L. (Teuscher) D.; reared on farm; *m.* Margaret P. Stanion, Dec., 1910; *c.* Virginia N. B.S., Cornell Univ., 1910.

Darlington, P. S., state distr. hort. and food products insp., Bur. Agrl. Econ., U. S. Dept. Agr., Seattle, Wash.

State distr. hort. insp., Wenatchee, Wash., 1907-14, 1917-21; chief pack and grade insp., Wenatchee distr., for N. Pacific Fruit Distributors, 1914; supt. Boston Okanogan Apple Co., 1915. —*b.* W. Chester, Pa., Jan. 15, 1879; *s.* Thos. H. and Jane (Paschall) D.; reared on farm; *m.* Elenora N. Rhodes, June 28, 1910; *c.* Harold A., Arthur R., Stanley B. B.S., Univ. Ida., 1907. Kappa Sigma.

Darnell, Albert Laurie, assoc. prof. dairy husb. and state supt. official testing, Tex. A. & M. Coll., College Station, Tex.

Asst. dairying, Miss. A. & M. Coll., 1914; instr., Tex. A. & M. Coll., 1915; asst. and fellow, Univ. Mo., 1915-6; bact., Birmingham, Ala., 1916; prof. dairy husb., State Agrl. Sch., Ark., 1916; federal agt. dairying, Mont., 1917; dir. Sch. Agr., John Tarleton Agr. Coll., 1917-20; present position, 1920-. —*b.* Holmes Co., Miss., Dec. 14, 1891; *s.* G. W. and Mary E. D.; reared on farm; *m.* Frances Allen, Sept. 8, 1917; *c.* Frances Laurie. B.Sc., Miss. A. & M. Coll., 1913; M.A., Univ. Mo., 1916. Gamma Sigma Delta.

Darrow, Earl B., sec. and manag. Pueblo Ice Cream Co., Pueblo, Colo.

State dairy insp., Colo., 1916-8; co. agrl. agt., 1918-9; assoc. prof. an. husb., Colo. Agr. Coll., 1919-20; present position, 1920-. —*b.* Viola, Wis., Aug. 10, 1889; *s.* Eugene and Clara (Barton) D.; reared on farm; *m.* May Will, Oct. 22, 1916; *c.* Robt. John, Floyd Fremont. B.S.A., Colo. Agr. Coll., 1916. Sigma Alpha Epsilon.

Darrow, George McMillan, assoc. pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

In U. S. Army, 1918-9. (Small-fruits). —*b.* Springfield, Vt., Feb. 2, 1889; *s.* Guy Calvin and Maria (McMillan) D.; reared on farm; *m.* Grace E. Chapman, 1919. A.B., Middlebury Coll., 1910; A.M., Cornell Univ., 1911; student Johns Hopkins University 1923-5. Kappa Delta Rho.

Darrow, Wayne Hiram, distr. agrl. agt., Tex. A. & M. Coll., College Station, Tex.

Formerly co. agrl. agt., Floydada, Tex. —*b.* Lakewood, N. Y., Apr. 12, 1894; *s.* Jas. Eugene and Julia Irene (Bugbee) D.; reared in town; *m.* Linda Marshall, Aug. 26, 1916; *c.* Thos. Stephen, Philena Edgerton, Margaret. B.S., Cornell Univ., 1916.

Darrow, William Hinds, ext. fruit specialist, Conn. Agr. Coll., Storrs, Conn.

Instr. hort., Univ. Me., 1912-3; practical orchard work, Va., Md., N. Y., Vt., 1913-6; supt. schs., Waterbury, Vt., 1916-7; sci. asst., Bur. Markets, U. S. Dept. Agr., 1917-8; superv. city market reporting, 1918-9; food products insp., 1919-20; present position, 1920-. —*b.* Springfield, Vt., May 7, 1890; *s.* Guy C. and Maria (McMillan) D.; reared on farm and in village; *m.* Ellen Per-

son, 1918; *c.* Wm H. Jr., Robt. Person. A.B., Middlebury Coll., 1911; A.M., Cornell Univ., 1912; M.S., Univ. Me., 1913. Kappa Delta Rho.

Darst, Williard Holden, prof. agron., N. C. State Coll., Raleigh, N. C.

Formerly asst. prof. agron., Penn. State Coll. —*b.* Covington, O., Nov. 7, 1884; *s.* D. M. and Addie (Darner) D.; reared on farm; *m.* Janet Caley, 1913; *c.* Williard H. Jr. B.S.A., Ohio State Univ., 1910.

Dasher, Hampton George, co. agrl. agt., Hampton, Ark.

Instr. voc. agr., high-sch., Louisville, Ga., 1921; Oil Trough, Ark., 1922-4; agrl. agt. Calhoun Co., 1924-. 2d Lieut. Inf., Officers Reserve Corps. —*b.* Marlow, Ga., Oct. 27, 1898; *s.* Olin Geo. and Caroline Salomie (Zittrauer) D.; reared on farm; *m.* Mabel Kaneaster, Nov. 29, 1922; *c.* Mabel Verne. B.S.A., Univ. Ga., 1921. Alpha Zeta.

Davenport, Eugene, agrst., Woodland, Mich.

Prof. agr., Mich. Agr. Coll., 1889-91; pres. Collegio Agronomica, Sao Paulo, Brazil, 1891-2; dean Coll. Agr. and dir. Exp. Sta., Univ. Ill., 1895-1922; vice-pres. Univ. Ill., 1921-2; dean and prof. emeritus, 1922-. Fellow A. A. A. S. Mem. Authors' Club, London, England. *Auth.*: Principles of Breeding, 1907; Education for Efficiency, 1909; Domesticated Animals and Plants, 1910; Vacation on the Trail, 1923; contr. to Book of Rural Life. —*b.* Woodland, Mich., June 20, 1856; *s.* Geo. Martin and Esther (Sutton) D.; reared on farm; *m.* Emma Jane Coats, Nov. 2, 1881; *c.* Dorothy, Margaret. B.S., Mich. Agr. Coll., 1878; M.Agr., 1895; LL.D., 1907; D.Sc., Ia. State Coll., 1920. Delta Tau Delta.

Davenport, Stearnes Lothrop, head fruit and bee depts., Essex Co. Agrl. Sch., Hathorne, Mass.

Fruit-grower, N. Grafton, Mass., 1908-; present position, 1913-. Pres. E. Mass. Beekeepers Soc., 1917-20. —*b.* Grafton, Mass., Dec. 10, 1885; *s.* Stearnes L. and Jennie A. (Hawes) D.; reared on farm; *m.* Alice C. Wing, Feb. 21, 1911; *c.* Jean Wing, Phyllis Emily. B.S., Mass. Agr. Coll., 1908. Kappa Sigma; Phi Kappa Phi.

Davidson, Gabriel, general manag. The Jewish Agrl. Soc., Inc., 301 E. 14th St., New York, N. Y.

b. New York, N. Y., Jan. 23, 1879; *s.* David and Hannah (Gerechter) D.; reared in city; *m.* Anna Perlowitz, June 26, 1910; *c.* Hannah Adele. LL.B., N. Y. Law Sch., 1900; LL.M., N. Y. Univ., 1901.

Davidson, Jay Brownlee, prof. agrl. engin., Ia. State Coll., Ames, Ia.

Adj. prof. farm mech., Univ. Neb., 1905-6; prof. agrl. engin., Ia. State Coll., 1906-15, 1919-; prof. agrl. engin., Univ. Calif., 1915-9. Mem. com. on Relation of Electricity to Agr. *Auth.*: (with Chase) Farm Machinery and Farm Motors, 1908; Agricultural Engineering, 1913. —*b.* Douglas, Neb., Feb. 15, 1880; *s.* Jas. H. and Margaret (Dixon) D.; reared on farm; *m.* Jennie Baldridge; *c.* Margaret E., Ethel B., Helen M. B.S., M.E., Univ. Neb., 1904; A.E., 1914. Sigma Xi; Phi Kappa Phi; Sigma Tau; Tau Beta Pi; Alpha Zeta.

Davies, George W., sec. Amer. Poland-China Record Assoc., Chicago, Ill.

Co. supt. schs., Sauk Co., Wis., 1906-18; agrl. agt. Grant Co., 1919-20; sec. Wis. Livestock Breeders Assoc., 1920-2; manag. citrus ranch, Ontario, Calif., 1922-4; present position, 1924-. Supt. educ. dept. Wis. State Fair, 10 yrs. —*b.* Spring Green, Wis., Nov. 1, 1874; *s.* David J. and Mary (Jones) D.; reared on farm; *m.* Emma B. Bible, 1901; *c.* Maurine, Mary, Helen.

Davies, Llewellyn Rhys, state superv. for voc. agrl. educ., Fort Collins, Colo.

Beet chem., Wis. Sugar Co., Menomonee Falls, 1904-5; sci. aid and asst., Bur. An. Ind., U. S. Dept. Agr., 1905-8; asst. in feed and fert. insp. and dairy tests, Wis. Exp. Sta., 1909-10; princ. Marinette Co. Agr. Sch., 1910-2; prof. agr. and sci., Whitewater State Normal Sch., Whitewater, Wis., 1912-5; prof. agr. and sci., Humboldt State Normal Sch., Arcata, Calif., 1915-9; assoc.

prof. teach.-training in voc. agr. and state superv. voc. agrl. educ., Univ. Wyo., 1919-20; present position, 1920-. —*b.* Earlville, N. Y., Jan. 14, 1882; *s.* Thos. J. and Mary A. (Hughes) D.; reared in town. B.S.A., Univ. Wis., 1904; student Cornell Univ., 1908-9; Univ. Wis., 1914; Univ. Calif., 1917; M.S., Colo. Agr. Coll., 1923. Alpha Zeta; Acacia.

Davis, Alva Raymond, assoc. prof. plant physiol., Univ. Calif., Berkeley, Calif.

Res. asst. Mo. Bot. Gard., St. Louis, Mo., 1915-6; asst. prof. plant physiol., Univ. Neb., 1916-9; instr. soil chem. and bact., Univ. Calif., 1919-21; asst. prof. plant nutr., 1921-5; assoc. prof. plant physiol., 1925-. Capt. Heavy Art., A. E. F., 1917-9. —*b.* Cascade, Ia., Feb. 15, 1887; *s.* John W. and Elizabeth (Orr) D.; reared in town; *m.* Hulda Scharle, Aug. 31, 1916; *c.* Alva R. Jr., Margaret-Ellen. B.A., Pomona Coll., 1912; Ph.D., Washington Univ., 1915. Phi Beta Kappa; Sigma Xi; Phi Sigma.

Davis, Boothe Colwell, pres. Alfred Univ., Alfred, N. Y. (with which a state school of agriculture is affiliated).

Ordained Baptist minister, 1893; pastor, Alfred, N. Y., 1893-5; prof. philosophy and ethics, Alfred Univ., 1895-; pres., 1895-. *Auth.*: Country Life Leadership, 1920. —*b.* Jane Lew, W. Va., July 12, 1863; *s.* Samuel D. and Elizabeth (Fitz-Randolph) D.; reared on farm; *m.* Estelle W. Hoffman, 1893; *c.* Stanton H., Elizabeth R., Boothe C. Jr. A.B., Alfred Univ., 1890; B.D., Yale Univ., 1893; Ph.D., Nat. Normal Univ., 1897; LL.D., Alfred Univ., 1915.

Davis, Charles Barney, prof. voc. agr., distr. agrl. sch., Granite Hill, Ga.

Agrl. agt. Wilcox Co., Ga., 1915-7; present position, 1919-. Lieut. Field Art., U. S. Army, 1917-9. —*b.* Tennille, Ga., Mar. 18, 1892; *s.* Thos. J. and Kate (Skipper) D.; reared on farm; *m.* Bernice McConnell, Aug. 31, 1919; *c.* Barney Jr., Erwin McConnell. B.S.A., Univ. Ga., 1915.

Davis, Charles Deforest, asst. prof. farm crops, Kans. State Agr. Coll., Manhattan, Kans.

In Y. M. C. A., France, 1918-9. —*b.* Jewell Co., Kans., Nov. 30, 1878; *s.* Chas. E. and Ella M. (Hawks) D.; reared on farm; *m.* Lydia Ericson, 1909; *c.* Kenneth S., Ella Rae, Clara Lou. B.S.A., Kans. State Agr. Coll., 1921. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Davis, Chester Charles, comnr. of agr., State House, Helena, Mont.

Ed. and manag. Montana Farmer, Great Falls. Mem. Amer. com., Intern. Inst. Agr. —*b.* Dallas Co., Ia., Nov. 17, 1887; *s.* Wm. Highland and Eva Elizabeth (Johnson) D.; reared on farm; *m.* Helen Gail Smith, Aug. 14, 1913; *c.* Chester Smith, Norman Hall. A.B., Grinnell Coll., Ia., 1911.

Davis, C. L., state superv. voc. agrl. educ., Austin, Tex.

Teach. sci., Magnolia, Ark., 1905-7; teach. agr., Distr. Agrl. Sch., Madison, Ga., 1907-8; Douglas, Ga., 1908-9; N. Tex. Teach. Coll., 1909-18; present position, 1918-. B.S., Univ. Tenn., 1905.

Davis, Claude W., co. agrl. agt., Homer, La.

Asst. hort., La. Exp. Sta., Calhoun, 1913; teach. agr., high-sch., Homer, 1916-7; asst. and agrl. agt., Morehouse Parish, 1919-20; agrl. agt. Claiborne Parish, 1922-. 1st Lieut. Inf., U. S. Army, 1917-9; awarded Croix de Guerre. —*b.* Delhi, La., Nov. 23, 1894; *s.* Walter Shields and Kate (Thomson) D.; reared on farm and in town; *m.* Kate Meadors, Apr. 28, 1919; *c.* Edward Thomson. Grad. La. Ind. Inst., Ruston, 1912; B.S., La. State Univ., 1916. Alpha Zeta.

Davis, Deane Griswold, co. agrl. agt., Fort Pierre, S. D.

Asst. agrl. econ., Univ. Wis., Apr.-Aug., 1919; agrl. agt. Edmunds Co., S. D., 1919-21; Stanley Co., 1921-. Ensign, U. S. N. R. F. —*b.* Duluth, Minn., Nov. 13, 1895; *s.* John J. C. and Emma Alice (Taylor) D.; reared in city. B.S., Univ. Wis., 1918. Alpha Zeta; Alpha Gamma Rho.

Davis, Edward Gorton, prof. lands. arch., Cornell Univ., Ithaca, N. Y.

Practicing lands. arch., 1904-11, at Denison Univ., 1903-5, with Bryant Fleming, Buffalo, 1905-11; present position, 1911-. Traveled in England, France and U. S. studying residence plans. —*b.* Cincinnati, O., 1880; *s.* Geo. F. and Lucy (Gorton) D.; reared in city and country place; *m.* Marion Briggs, 1908; *c.* Dorothea, E. Gorton Jr. B.S., Denison Univ., 1905. Beta Theta Pi.

Davis, Ellen Lillian, home dem. agt., Hyattsville, Md.

Instr. public schs., N. Y., 1917-9; home dem. agt., 1919-. —*b.* N. Loup, Neb., Oct. 16, 1892; *d.* Henry E. and Ella R. (Williams) D.; reared in town and on farm. Grad. Pratt Inst., 1917.

Davis, Frank Leslie, co. agrl. agt., Putnam, Conn.

Instr. agr., high-sch., Harwich, Mass., 1916-8; asst. agrl. agt., Plymouth Co., Mass., 1918-20; present position, 1920-. —b. Mendon, Mass., Sept. 7, 1892; *s.* Wm. H. and Mary L. (Lancio) D.; reared on farm; *m.* Esther Marie Dodge, Nov. 25, 1915; *c.* Roger Leslie, Frank Dodge. B.Sc., Mass. Agr. Coll., 1916. Lambda Chi Alpha.

Davis, Fred L., farmer, White River Junction, Vt.

Sec. Vt. State Fair, 18 yrs.; sec. Vt. Dairymens Assoc., 11 yrs., pres. 2 yrs.; sec. Bd. Agr.; live-stock comnr., 8 yrs. Mem. State Legislature, 1900, 1921; State Senator, 1906. Pres. Hartford Savings Bank and Trust Co. —*b.* Norwich, Vt., Feb. 2, 1861; *s.* Reuben and Minerva (Maxharn) D.; reared on farm; *m.* Genevieve F. Snow, 1885 (d. 1905); *c.* Howard M., Marguerite, Marion.

Davis, Fred Raymond, instr. voc. agr., high-sch., Caldwell, O.

Teach., high-sch., Lorain, O., 1922-3; present position, 1923-. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Belle Valley, O., Nov. 16, 1899; *s.* Otis D. and Frances (Bartlett) D.; reared on farm; *m.* Esther Farson, June 14, 1922; *c.* Eileen Esther. B.S.A., Ohio State Univ., 1922.

Davis, Glenn G., breeder Holstein cattle, Columbia, Mo.

Pres. Mo. Holstein-Friesian Assoc. —*b.* Joplin, Mo., July 14, 1892; *s.* Guy R. and Fannie (Duff) D.; reared in city; *m.* Tillie Grace Campbell, July 26, 1922; *c.* Alice Marion. Student, Univ. Mo. Alpha Gamma Rho.

Davis, Helen Lee, prof. and vice-dean home econ. and head household art dept., Ore. Agr. Coll., Corvallis, Ore.

Math. computer, astronomical dept., Columbia Univ., 1899-1908; instr. home econ., Univ. Neb., 1910-2; asst. prof., 1912-7; assoc. prof. dom. art, Ore. Agr. Coll., 1917-8; prof., 1918-. — *b.* Moultonboro, N. H., Sept. 22, 1877; *d.* Eleazer A. and Mary A. (Rolfe) D.; reared on farm. A.B., Vassar Coll., 1899; B.S., Columbia Univ., 1910. Phi Beta Kappa; Omicron Nu.

Davis, Herbert Perry, prof. dairy husb. and chm. dept., Univ. Neb., Lincoln, Neb.

Asst. dairy husb., Univ. Ill., 1911; asst. expl. dairy husb. and instr., Penn. State Coll., 1911-4; asst. dairy husb., U. S. Dept. Agr., 1914-7; dairy husb. and ed., 1917-9; prof. dairy husb. and vice-council Exp. Sta., Univ. Ida., 1919-21; present position, 1921-. —*b.* Montagu, Mich., Aug. 22, 1889; *s.* Smith Cornell and Meta Caroline (Perry) D.; reared in country; *m.* Esther Gertrude Greiner, July 20, 1915; *c.* Carolyn Lenne, Herbert P. Jr. B.S.A., Univ. Mo., 1911; M.S., Penn. State Coll., 1914. Alpha Zeta; Gamma Sigma Delta.

Davis, Irving Gilman, prof. agrl. econ., Conn. Agr. Coll., Storrs, Conn.

Instr., Brimfield Voc. Agr. Sch., Brimfield, Mass., 1912-4; asst. co. agt. leader, Conn. Agr. Coll., 1915-7; leader, 1917-8; acting dir. ext., 1918-9; prof. econ., 1920-. —*b.* Poland, Me., Apr. 25, 1885; *s.* John Gilman and Juniata (Dunn) D.; *m.* Alice Sawin, Aug 18, 1914; *c.* Elizabeth Valentine, Irving G. Jr., Robt. Sawin. A.B., Bates Coll., 1906.

Davis, Jefferson Irwin, co. agrl. agt., Chamber of Commerce, Albany, Ga.

Farmer, Brooks Co., Ga., 1914-; agrl. agt. Brooks Co., 1915; Decatur Co., 1917-21; operator grain elevator, Bainbridge, 1919-21; special agrl. agt. Brooks, Cook, Lowdnes, Berrien cos., 1921-3; agrl. agt. Dougherty Co., 1923-. —*b.* Quitman, Ga., Aug. 11, 1893; *s.* Jefferson and Julia (Ramsey) D.; reared in country town; *m.* Lois M. Fleming, June 19, 1914; *c.* J. I. Jr., Allen F., Chas. Ramsey. B.S.A., Univ. Ga., 1914. Sigma Nu.

Davis, John June, head dept. ent., Purdue Univ., and chief in ent., Exp. Sta., LaFayette, Ind.

Asst. to state ent. of Ill., 1907-11; with U. S. Dept. Agr., 1911-9; collaborator, 1919-20; in chg. Japanese beetle invests., U. S. Dept. Agr., and N. J. State Bd. Agr., 1919-20; present position, 1920-. (Aphididæ, Lachnosterna and related genera). —*b.* Centralia, Ill., Oct. 9, 1885; *s.* John L. and Mary C. (Marsh) D.; reared in city; *m.* Pearle E. Taylor, Oct. 27, 1909. B.S., Univ. Ill., 1907. Sigma Xi; Alpha Tau Omega.

Davis, John Stark, teach. agr. and supt. Mem. Consolidated Sch., Hardyville, Ky.

Student teach., W. Ky. State Normal Sch., 1919-20; full-time teach., 1920-3, present position, 1923-. 2d Lieut. Q. M. C., U. S. Army, 1918-9. (Crops). —*b.* Crofton, Ky., Sept. 2, 1895; *s.* Lem R. and Emma L. D.; reared in town and country; *m.* Lucy Ellen Dowdeh, May 7, 1921; *c.* Paul Ford. B.S., Univ. Wis.

Davis, Joseph Lyndon, instr. voc. agr. high-sch., Greenland, Ark.

Instr. sci. and agr., high-sch., Laoag, Philippines, 1910-2; supt. farm sch., Batac, P. I., 1912-4; chg. dept. agr., Haskell Inst., Lawrence, Kans., 1916-8; instr. voc. agr., high-sch., Walthill, Neb., 1918-21; present position, 1921-. 2d Lieut. Q. M. R. C., U. S. Army, 1918. —*b.* Belleville, Kans., Mar. 4, 1884; *s.* Winfield Scott and Ella (James) D.; reared on farm; *m.* Mabel Rodgers, June 3, 1911; *c.* Gerald Rodgers, Paul Ramon, Verne Ivan. B.S.A., Kans. State Agr. Coll., 1916.

Davis, Kary Cadmus, prof. agrl. educ., Knapp Sch. of Country Life in George Peabody Coll. for Teachers, Nashville, Tenn.

Princ. state high-sch., Austin, Minn., 1892-8; teach. sci., State Normal Sch., St. Cloud, 1900-1; prof. hort., W. Va. Univ., 1901-2; princ. Dunn Co. Sch. Agr., Menomonie, Wis., 1902-7; dean State Sch. Agr., Canton, N. Y., 1907-8; prof. agron. and princ. agrl. short courses, Rutgers Coll., 1908-13; present position, 1913-. Conductor summer training schs. for teachers in Minn. and Wis.; prof. agr., Univ. Va., summer sch., 1908-12; dir. N. J. State Summer Sch. for Teach., 1912. Lect. farmers inst., agrl. trains, etc. Fellow A. A. A. S. Pres. Tenn. State Dairy Assoc., 1917-. *Auth.*: Productive Farming, 1911, 5th ed. 1923; Productive Plant Husbandry, 1917; School and Home Gardening, 1918; Horticulture for Normals and High Schools, 1919; New Agriculture for High School, 1923. *Ed.*, Lippincott's Farm Manuals, Farm Life Text Book Series. —*b.* Decatur, Ill., Oct. 7, 1867; *s.* John and Martha Ann (Powell) D.; reared on farm; *m.* Fanny Elisabeth Waugh, Aug. 19, 1896; *c.* Douglas Powell, Louise. B.S., Kans. State Agr. Coll., 1891; M.S., 1894; Ph.D., Cornell Univ., 1900. Sigma Xi; Phi Beta Kappa; Phi Kappa Phi.

Davis, Leon M., asst. chief marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. dairy ind., Univ. Calif., 1909-12; asst. prof., 1912-6; present position, 1916-. Mem. Intern. Jury of Awards, Panama-Pacific Expos., 1915; pres. W. Dairy Instrs. Assoc.; sec.-treas. Calif. Creamery Operators Assoc. Regular contributor Pacific Dairy Review, 1911-3. —*b.* Topeka, Kans., Apr. 19, 1885; *s.* Thos. J. and Stella (Kidder) D.; reared on dairy farm; *m.* Hazel Estelle Bixby, June 15, 1911; *c.* Leon Bixby, Barbara Jean, Robt. Milehame. B.S., Kans. State Agr. Coll., 1909. Beta Theta Pi; Alpha Zeta.

Davis, Leslie Vincent, superv. fertilizer invest., Univ. Ga., Athens, Ga.

Asst. soil survey, Univ. Mo., 1912-3; sci. soils, Bur. Soils, U. S. Dept. Agr.,

1913-8; present position, 1919-. —*b.* Decatur, Ill., Dec. 6, 1887; *s.* I. J. and Jeannette L. (Pratt) D.; reared on farm; *m.* Mary L. Prather, Nov. 4, 1913. B.S.A., Univ. Mo., 1912. Alpha Zeta.

Davis, Luther Nathaniel, dir. dept. voc. agr. and ext., Clay Co. Agrl. High-Sch., Pheba, Miss.

Supt. high-sch., Smith, Miss., 1914-5; Zion Rest, 1916-9; dir. dept. agr. and ext., Madison Co. Agrl. High-Sch., 1918-21; present position, 1921-. Pres. Luther Davis Farming Co.; sec. Clay Co. Duroc Jersey Assoc.; pres. Clay Co. Rural Development Soc.; pres. and manag. Pheba Truck Growers Assoc.; pres. and manag. Clay Co. Fair Assoc. Mayor of Pheba, 1922-4. *Auth.*: Profitable Poultry Production, 1922; Rural Community Development, 1924. —*b.* Richton, Miss., Sept. 13, 1894; *s.* Ben and Emma (Douglas) D.; reared on farm; *m.* Anna Mary Waldron, May 11, 1916; *c.* Mary Louise, Luther N. Jr., Jas. Robt. Student Clarke Mem. Coll., Valparaiso Univ., Miss. A. & M. Coll.

Davis, Morgan D., teach. agr. and supt. public schs., Upton, Wyo.

Served in U. S. Army, World War. —*b.* Minot, N. D., Aug. 20, 1891; *s.* Thos. D. and Gertrude (Morgan) D.; reared in town. B.Sc.A., Univ. Neb., 1920.

Davis, Pozy Oliver, agrl. ed., Ala. Poly. Inst., Auburn, Ala.

Hort., Ala. Exp. Sta., 1916-7; agrl. agt., Southern Ry., 1917-8; boys club work, Ala. Poly. Inst., 1918-20; special rep. Progressive Farmer, 1920-1; present position, 1921-. —*b.* Athens, Ala., Aug. 15, 1890; *s.* Richard S. and Malinda Elizabeth (Barker) D.; reared on farm; *m.* Mildred Kilburn, June 19, 1918. B.S.A., Ala. Poly. Inst., 1916. Phi Kappa Phi; Gamma Sigma Delta.

Davis, Richard Naaman, dairy ext. specialist, Univ. Ariz., Tucson, Ariz.

Manag. Salmon Creamery Co., Salmon, Ida., 1912-8; asst. agrl. ext., Univ. Calif., 1918-20; asst. prof. dairy husb., Univ. Ariz., 1920-. —*b.* Athens, Ala., Oct. 20, 1885; *s.* Richard Scoggins and Malindia Elizabeth (Barker) D.; reared on farm. B.S., Okla. A. & M. Coll., 1911.

Davis, Royall Oscar Eugene, chg. soil physics invests., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Instr. chem., Univ. N. C., 1905-8; assoc. prof., 1909; present position, 1910-. Chg. lab. for nitrogen fixation under Nitrate Div., War Dept., Arlington, Va. *Assoc. ed.,* Chemical Abstracts, 1917-9. (Nitrogen fixation and fertilizers). —*b.* Newberry, S. C., July 11, 1880; *s.* Wm. A. and Sarah I. (Payne) D.; reared on farm; *m.* Birdie Pritchard, July 26, 1905. Ph.B., Univ. N. C., 1901; Ph.D., 1903; Univ. Leipsic, 1904.

Davis, Samuel Sylvester, co. agrl. agt., Monticello, Ill.

Co. agrl. agt., Kentland, Ind., 1917-23; Monticello, Ill., 1923-. —*b.* Newport, Ind., Feb. 28, 1891; *s.* J. N. and Rose (Manion) D.; reared on farm; *m.* Clara Davis, Jan. 27, 1917. B.S., Univ. Ill., 1915; M.S., 1917.

Davis, Tarring S., co. supt. schs., Altoona, Pa.

Mem. exec. com., Blair Co. Farm Bur. (Farming, country sch. educ.). —*b.* Blair Co., Pa., Jan. 16, 1863; *s.* Samuel and Elizabeth (Watson) D.; reared on farm; *m.* Sarah E. McDowell, July 4, 1889; *c.* Grace, Margaret, Fred, Edna, Edgar, Mary, John.

Davis, Vernon Hayes, manag. The Catawba Orchard Co., Port Clinton, O.

Asst. hort. and for., Ohio State Univ., 1901-5; asst. prof., 1905-9; asst. prof. hort., 1909-14; prof., 1914-7; chief O. State Bur. Markets and Marketing. *Auth.*: The Garden Book, 1915. —*b.* Byesville, O., Mar. 7, 1877; *s.* Jas. A. and Rachel (Gander) D.; reared on farm; *m.* Mary E. Haskell, Aug. 6, 1907; *c.* Emily Haskell, Rachel Katherine. B.S., Ohio State Univ., 1900; M.S.A., Cornell Univ., 1901. Sigma Xi; Kappa Sigma; Alpha Zeta.

Davis, Walter Scott, prof. hist. and social sci., Coll. Puget Sound, Tacoma, Wash.

Mem. Wash. State Senate, 1912-. Chm. Bd. Curators, Wash. State Hist. Soc., 1920. *Ed.* vol. II, Wash. State Hist. Soc. publications. (Rural sociol., agrl. econ.). —*b.* N. Salem, Ind., Dec. 29, 1866; *s.* Walter and Mariammne (Scott) D.; reared on farm. A.B., De Pauw Univ., 1889; A.M., Cornell Univ., 1892; fellow, Univ. Chicago, 1894. Delta Kappa Epsilon.

Davis, Ward O., teach. agr., high-sch., Eldorado, Ill.

Served in Chem. Warfare Serv., World War. —*b.* Ramsey, Ind., Mar. 15, 1891; *s.* Cyrus L. and Camilla (Askern) D.; reared on farm; *m.* Emily P. Minturn, June 1921. B.S., Univ. Ill., 1919.

Davis, William Leonard, co. agrl. agt., Ellensburg, Wash.

Instr. agr. and manual training, high-sch., Oroville, Wash., 1914-6. Ed. farm bur. page, Ellensburg Evening Record. (Live-stock). —*b.* Folsom, Calif., Oct. 20, 1884; *s.* Wm. Leander and Lucinda (Ford) D.; reared on farm; *m.* Mary Beck Anderson, Dec. 26, 1918. B.S., Wash. State Coll., 1914. Phi Delta Theta; Alpha Zeta.

Davison, B. M., lawyer, farmer, dir. agr., State Dept. Agr., Springfield, Ill.

State attorney, 1900-4; mem. Ill. State Bd. Agr., 4 yrs., sec., 4 yrs.; general manag. Ill. State Fair, 2 yrs.; dir. agr., 1921-. —*b.* Marshall, Ill., 1875; *m.* Mary Quick, Nov. 1897; *c.* Homer Reese, Eugene Launcelot.

Dawley, Frank E., farmer, Dotshome Farms, Fayetteville, N. Y.

Dir. N. Y. State farmers insts., 1896-1908; trustee Cornell Univ., 1899-1904. Sec. N. Y. State Farmers League, 1881-91; treas. State Dairymens Assoc., 1896-1908; treas. N. Y. State Breeders Assoc., 1904-8; sec. Cheviot Sheep Soc., 1899-1918; pres. State Agr. Soc., 1899-1902. Master Syracuse Grange, 1891-2; Fayetteville Grange, 1905-15; Onondaga Co. Grange, 1914-6; lect. Onondaga Co. Grange, 1920-2. Breeder and exporter of pure-bred Holstein-Friesian cattle, Cheviot and Karakul or Persian lamb fur sheep and silver black foxes. Pres. Amer. Persian Lamb Fur Sheep Registry, 1916-25. Awarded Gold Medal on alfalfa hay at Panama Expos., 1916. First to make a success of raising Persian lamb fur in Amer.; erected first steel frame barn in Amer. in 1902; ground the first afalfa "bran" or meal in 1899 and proved its value as compared with wheat bran as food for milch cows. —*b.* Elbridge, N. Y., Sept. 10, 1863; *s.* Wm. Walker and Charlotte A. (Lamson) D.; reared on farm; *m.* Carrie L. Barnes, June 16, 1891; *c.* Marion B., Laura A., Helen F., Catherine L., Lamson Eldred, Dorothy Jackson. Educ. Munro Collegiate Inst.

Dawson, James Robert, dairy husb., U. S. Dept. Agr., Washington, D. C.

Dairy specialist, Univ. Ky., 1919-20; asst. prof. dairy husb. ext., Penn. State Coll., 1920-3; present position, 1923-. Served in U. S. Marine Corps, 1918-9. (Feeding and nutr.). —*b.* Warrensburg, Mo., Mar. 10, 1894; *s.* Jas. and Nancy Catharine (Dutlaw) D.; reared on farm and in town; *m.* Ann Ruble Orr, July 31, 1920. B.S.A., Kans. State Agr. Coll., 1917; M.A., Univ. Mo., 1918. Sigma Phi Epsilon; Gamma Sigma Delta; Gamma Alpha.

Dawson, Paul Reber, asst. biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. fellow, Univ. N. C., 1920-1. 1st Lieut. Inf., U. S. Army, 1917-9. (Soil fert.). —*b.* Ann Arbor, Mich., Sept. 6, 1895; *s.* Geo. E. and Susie C. (Reber) D.; reared in city; *m.* Thelma Williams, Oct. 7, 1922. A.B., Clark Coll., 1916; M.A., Univ. N. C., 1921. Alpha Chi Sigma.

Dawson, Wilfred Parriott, farmer, Aurelia, Ia.

Mem. Ia. House of Rep., 1911-7. Dir. State Hort. Soc., 1910-20; dir. Corn Belt Meat Producers Assoc., 1908-20; chm. organization com., Ia. Farm Bur. Fed., 1919; pres. Ia. Veg. Growers Assoc., 1914-5. Del. to Farmers Nat. Congress, 1908. (Potato-growing). —*b.* Brodhead, Wis., Apr. 2, 1859; *s.* John J. and Mary Ann (Parriott) D.; reared on farm; *m.* Edith Paulline Lockwood, Dec. 31, 1885; *c.* Harry

Blaine, Ada Joyce, John Jesse, Clay Wilfred, Emra Ward, Manley Roosevelt, Leland Stanford, Wendell Holmes, Edith Celestine.

Day, Clarence A., co. agrl. agt., Augusta, Me.

Potato farmer, 10 yrs. —*b.* Westfield, Me., Apr. 14, 1883; *s.* Wm. B. and Mercy (Small) D.; reared on farm; *m.* Susan G. Floyd, June 20, 1916; *c.* Dorothy, Philip.

Day, Ella Jeanette, asst. prof. dom. sci., Penn. State Coll., State College, Pa.

Instr. home econ., Temple Univ., Philadelphia, 1914-7; dir. home econ., Juniata Coll., Huntingdon, Pa., 1917-8; home dem. agt. Cecil Co., Md., 1918-9; present position, 1921-. (Child care and training). —*b.* Warren, O., Nov. 7, 1892; *d.* Geo Erastus and Ella (Humberstone) D.; reared in town. B.S., Cornell Univ., 1921; A.M., Univ. Mich., 1925. Phi Kappa Phi; Omicron Nu.

Day, Emmons Davis, instr. agron. and farm manag., Schoharie State Sch., Cobleskill, N. Y.

Teach. agr., high-sch., Gowanda, N. Y., 2 yrs. —*b.* Ellington, N. Y., Dec. 1, 1890; *s.* F. S. and Ella (Davis) D.; reared on farm and in village; *m.* Alice McCartey, Oct. 3, 1918. B.S., Cornell Univ., 1917. Acacia.

Day, Harry Warren, supt. Div. Standardization and Markets, Ill. Dept. Agr., Springfield, Ill.

Instr. hort., Univ. Ill., 1919-20; assoc. farm adv., Blue Island, Ill., 1921-3; present position, 1923-. Sec. Ill. State Hort. Soc. Served in U. S. Navy, 1918-9. —*b.* Shelbyville, Ill., June 15, 1894; *s.* John W. and Elizabeth (Lumpp) D.; reared on farm; *m.* Harriet L. James, June 19, 1920; *c.* Harry Warren Jr., Ruth Elizabeth. B.S., Univ. Ill., 1917. Sigma Phi Sigma; Gamma Alpha.

Day, James Westbay, prof. agrl. educ., Univ. Fla., Gainesville, Fla.

Instr. agr., high-sch., Hannibal, Mo., 1914-5; assoc. prof. agr., S. W. Mo. Teach. Coll., Springfield, Mo., summer 1916; instr. agron., Rutgers Coll., 1916-7; prof. voc. agr., Okla. A. & M. Coll., 1919-21; present position, 1921-. Served in U. S. Navy. —*b.* Carthage, Mo., Nov. 7, 1890; *s.* Henry Ward and Jennie Westbay (Sullivan) D.; reared on farm; *m.* Fanny B. Owen, Oct. 4, 1918. B.S.A., Univ. Mo., 1914; B.S. in Educ., 1917; A.M., 1916; grad. student, Rutgers Coll. Sigma Phi Epsilon; Phi Kappa Phi; Alpha Zeta; Kappa Delta Pi; Phi Delta Phi.

Deal, Ernest Linwood, co. agrl. agt., Florence, Ala.

1st Lieut., U. S. Army, 1917-8; Capt. Inf., 1918-9; served in A. E. F., 5 mos. —*b.* Binion, Ala., Feb. 20, 1893; *s.* John H. and Georgia (Norris) D.; reared on farm. B.S., Ala. Poly. Inst., 1917.

Dean, Frank Clifford, publicity dir. Ohio Farm Bur. Fed., Columbus, O.

Agrl. ed., Univ. Neb., 1914-6; asst. ed. ext. serv., Ohio State Univ., 1916-21. *Auth.*: The Farm Bureau in Ohio, 1925. *Ed.*, The Ohio Farm Bureau Federation News. —*b.* La Moille, Ill., Dec. 31, 1887; *s.* Geo. and Grace (Crossman) D.; reared in village; *m.* Iva De Rose, Jan. 14, 1914; *c.* Geo., Allen. A.B., Univ. Ill., 1912. Tau Kappa Epsilon.

Dean, George Adam, sr. ent., U. S. Dept. Agr. Washington, D. C.

Farmer and fruit-grower, Topeka, Kans., 1890-7; prof. and head dept. ent., Kans. State Agr. Coll., 1912-23; ent., Kans. Exp. Sta., 1912-23; Kans. state ent., 1912-23; sr. ent. in chg. of cereal and forage insect invest., Bur. Ent., U. S. Dept. Agr. 1923-. Fellow Ent. Soc. Amer., A.A.A.S.; mem. Kans. Acad. Sci. Traveled in Europe. (Insects affecting cereal and forage crops). —*b.* Topeka, Kans., Apr. 19, 1873; *s.* Thos. J. and Harriet (Reese) D.; reared on farm; *m.* Minerva Blackly, Aug. 30, 1904; *c.* Helen, Geo., Marjorie, Paul, Dorothy. B.S., Kans. State Agr. Coll., 1895; M.S., 1905. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta.

Dean, Henry H., prof. dairy husb., Ont. Agr. Coll., Guelph, Ont.

Chg. dairy dept., Ont. Agr. Coll., 1891-. Farm operator. *Auth*: Canadian Dairying, 1903, 4th ed., 1914. —

b. Ont., Nov. 12, 1865; *s.* Walter and Theresa (Hahnel) D.; reared on farm; *m.* Almeda Ansley, July 25, 1894. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1890.

Dean, Marion Lothrup, dir. Bur. Plant Ind., Ida. Dept. Agr., Boise, Ida.

Asst. instr. hort., Mich. Agr. Coll., 8 yrs.; state hort., Mont., 8 yrs.; chief hort. div., Wash. State Dept. Agr., 1917-21; organizer and asst. manag. Wenatchee Coop. Fruit Growers Assoc., 1921-2; present position, 1923-. —*b* Napoleon, Mich., June 27, 1863; *s.* Julius P. and Maria L. (Weeks) D.; reared on farm; *m.* Ida L. Smith, Jan. 28, 1872. Special student, Mich. Agr. Coll.

Dean, Mary Strobridge, home dem. agt., 31 Center St., Brockton, Mass.

Supervv. household arts, Adams, Mass., 1911-7; home dem. agt. Plymouth Co., 1917-. —*b.* Taunton, Mass., Dec. 31, 1872; *d.* David and Dordana (Macomber) D.; reared on farm. Grad. State Normal Sch., Bridgewater, Mass., 1893; student Simmons Coll., Cornell Univ.

Dearing, Charles, asst. hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Univ. Mo., 1908; instr., 1909-10; sci. asst., Bur. Plant Ind., 1910-7; asst. hort., 1918-. —*b.* Wichita, Kans., Mar. 25, 1888; *s.* Geo. M. and Marion Elvira D.; reared in town. B.S.A., Univ. Mo., 1909. Sigma Xi; Alpha Zeta.

Dearstyne, Roy S., assoc. in path. and poultry invests., N. C. Agr. Exp. Sta., Raleigh, N. C.

Asst. bact., City Health Dept., Baltimore, Md., 1917-8; dir. lab., City Health Dept., Alexandria, Va., 1918-9; dir. lab. and market milk insp., Charlotte, N. C., 1919-20; Raleigh, 1920-2; present position, 1922-. —*b.* Rennselaer, N. Y., Sept. 11, 1891; *s.* Frank S. and Alice (Styring) D.; reared in town; *m.* Anna R. Holly, Oct. 1918; *c.* Roy Holly. B.S., Univ. Md., 1917; M.S., N. C. State Coll., 1922.

Deatrick, Eugene Peyton, assoc. prof. and head dept. soils and assoc. soil tech. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Instr. high-sch., Boyertown, Pa., 1911-3; asst. instr. soils, Cornell Univ., 1913-7; instr. soils., Pa. For. Sch., 1917-9; instr. soils, Cornell Univ., 1919-20; present position, 1920-. Served in Med. Corps and Chem. Warfare Serv., U. S. Army, 1918-9. —*b.* Rimersburg, Pa., Apr. 7, 1889; *s.* W. W. and Emma Jane (Balliet) D.; reared in town; *m.* Lily Bell Sefton, June 8, 1922. Grad. Keystone State Normal, 1906; A.B., Franklin and Marshall Coll., 1911; Ph.D., Cornell Univ., 1917.

De Baun, Roscoe William, pres. Pine Brook Farms, Inc., Pine Brook, N. J.

Formerly specialist in veg. growing, Rutgers Coll. Truck farmer, 1911-5. Mem. exec. com., N. J. State Hort. Soc.; pres. N. J. Veg. Growers Assoc. —*b.* Caldwell, N. J., Dec. 16, 1887; *s.* John Wm. and Abbie (Kimball) D.; reared on farm. B.Sc., Rutgers Coll., 1911. Chi Phi.

DeBoer, Saco Rienk, lands. arch., 515 E. Iliff Ave., Denver, Colo.

Lands. arch., 1905-; consulting lands. arch., Denver, Cheyenne, Wyo. Pres. Denver Soc. Ornamental Hort.; mem. Amer. Soc. Lands. Arch. Conductor arts dept., Parks and Recreation, 3 yrs. Traveled in Europe, 1922. —*b.* Netherlands, Sept. 7, 1883 (naturalized 1914); *s.* R. K. and A. (Rinsma) D.; reared in country; *m.* Anna Sophie Elizabeth Koster; *c.* Elizabeth Thelma, Richard Jas.

DeBord, George Gorham, asst. prof. dairy bact., Ia. State Coll., Ames, Ia.

Teaching fellow bact., Ia. State Coll., 1915-6; asst., 1916; res. fellow, Harvard Med. Sch., 1920-2; bact. Bur. Chem., U. S. Dept. Agr., 1917-8, 1919-20, 1922-3; present position, 1923-. Served in A. E. F., 1918-9. —*b.* Freeport, Kans., Dec. 16, 1892; *s.* Robt. Henry and Emma (Turner) D.; reared on farm. B.S., Okla. A. & M. Coll., 1914; M.S., Ia. State Coll., 1916; Ph.D., Harvard Univ., 1922. Phi Kappa Phi; Phi Lambda Upsilon.

De Busk, Ezra Franklin, ext. citrus path., Univ. Fla., Gainesville, Fla.

Teach. sci. and agr., Washington high-sch., Tampa, Fla., 1914-7; special work on control of citrus fruit diseases and insect pests with Fla. State Plant Bd., summers 1915-6; citrus culture specialist, Univ. Fla., 1917-23. —*b.* Walkers' Ford, Tenn., Feb. 11, 1884; *s.* Jas. Knox and Helen (Shumate) D.; reared on farm; *m.* Eva M. Holt, June 28, 1911 (d. 1922); 2d, Annie Belle Odom, Sept. 3, 1924; *c.* Franklin L. B.S., Lincoln Memorial Univ., 1910.

DeCamp, John Conely, asst. prof. for., Mich. State Coll., E. Lansing, Mich.

Timber cruiser and lumberman, Mich. and Northwest; for. asst. and deputy for. superv., U. S. For. Serv. in Colo., Mont., Ida., Wash.; instr. sci., high-sch., Sunnyside, Wash., 1920-1; present position, 1922-. Cruised timber for U. S. Army in France, 1917-9. Sec. Mich. For. Assoc. Worked in Cuba, Spain, Germany, Italy. —*b.* Ovid, Mich., Oct. 7, 1886; *s.* Chas. C. and Lillie (Bitting) D.; reared in town and country; *m.* Esther Powell, 1912; 2d Agnes Dodd, 1919; *c.* Paul Briandt, Antha Dale, Dodd Conely. B.S., Mich. Agr. Coll., 1910; M. For., 1923. Xi Sigma Pi; Pi Kappa Delta.

Decker, Jessie-Lee Fairfax, home furnishing specialist, Univ. Calif., Berkeley, Calif.

Instr. household art, Univ. Calif., summers, 1917-8; interior decorator with S. & G. Gump Co., San Francisco, 1918-9; home dem. agt. Traveled in Europe and Orient. —*b.* Magnolia, Ark., July 24, 1886; *d.* Thos. O. and Lydia M. (Davis) D.; reared in town. Student, Univ. Calif.

Decker, Roy M., co. agrl. agt., Stroudsburg, Pa.

Teach. rural and graded schs., 5 yrs.; agt. Monroe Co., 1916-. —*b.* Hublersburg, Pa., Aug. 20, 1888; *s.* Wm. and Emma C. (Beck) D.; reared on farm. B.S., Penn. State Coll., 1916.

Deemer, Ralph Barbour, asst. biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Formerly asst. chem., N. Mex. Agr. Exp. Sta.; Penn. Agr. Exp. Sta.; Univ. Md.; Purdue Univ. Exp. Sta. Mem. bd. editors, Journal of Official Agrl. Chemists. (Agrl. chem.). —*b.* Manhattan, Kans., Feb. 24, 1885; *s.* Chas. MacConnell and Prudy (Barbour) D.; reared in town; *m.* Augusta Chamberlain Scott, Feb. 24, 1909; *c.* Ralph B. Jr., Phyllis-Gay, Virginia-Lee. B.S., N. Mex. A. & M. Coll., 1907.

Deering, Arthur Lowell, co. agt. leader, Univ. Me., Orono, Me.

Formerly co. agrl. agt., Augusta, Me. —*b.* Denmark, Me., Jan. 13, 1888; *s.* Myron A. and Mary Smith (Lowell) D.; reared on farm; *m.* Freda Lowe Bowman, June 30, 1915; *c.* Mary Lowell, Marjorie Bowman, Robt. Bowman, Helen Marion. B.S., Univ. Me., 1912. Phi Kappa Sigma; Alpha Zeta.

DeForest, Mulford David, co. club agt., Mt. Morris, N. Y.

Teach. poultry and farm manag., Oakland City Coll., Oakland, Ind., 1922-3; club agt. Livingston Co., N. Y., 1923-. Served in U. S. Army, 1917-8. —*b.* Middle Granville, N. Y., Jan. 29, 1893; *s.* Benj. F. and Sarah Elizah Dayton (Hall) D.; reared on farm. B. A., Union Coll., 1916; B.S., Cornell Univ., 1921; M.S., 1922.

Defstos, Henry Melvin, co. agrl. agt., Lakota, N. D.

Reindeer and med. serv. in Naotak-Kobuk distr., Alaska, 1919-20. Sec. Nelson Co. Shorthorn Breeders Assoc. (Soils). —*b.* McIntosh, Minn., Mar. 18, 1890; *s.* Christ P. and Marie (Wolla) D.; reared on farm; *m.* Clare L. Wilcox, June 22, 1917. B.S.A., N. D. Agr. Coll., 1924. Alpha Zeta.

Deitz, Fordyce Charles, head dept. hort., State Inst. Applied Agr., Farmingdale, N. Y.

Teach. agr., high-sch., Geneva, N. Y., 1919-23; head dept. hort., N. Y. State Sch. Agr., Cobleskill, 1923-4; present position, 1924-. Served in Q. M. C., World War. —*b.* Berne, N. Y., Jan. 23, 1897; *s.* Stanton L. and Isabelle (Haverly) D.; reared on farm; *m.* Pauline Adams, June 26, 1920. B.S., Cornell Univ., 1918. Alpha Zeta.

Del Curto, John Marion, chief div. plant path. and seeds, Tex. State Dept. Agr., Austin, Tex.

Sec. Tex. State Bd. Plant Breeder Examiners. (Ent., plant path.). —*b.* Austin, Tex., June 15, 1897; *s.* Onorato and Maria D. (Raggio) D.; reared in city; *m.* Rohde VonRosenberg, Mar. 25, 1917. Student Univ. Tex.

De Lesseps, Hamilton, sugar-cane specialist, Thibodaux, La.

Sugar planter and manufacturer, St. Landry Parish, La., 7 yrs.; co. agrl. agt. Iberville Parish, 5½ yrs.; asst. manag. Honduras Sugar and Distilling Co., La Ceiba, Spanish Honduras. Asst. food adminis. for Parish of Iberville. —*b.* La., June 30, 1883; *s.* Auguste and Augusta (Story) De L.; reared on sugar plantation; *m.* Mary Beaufort Williams, Sept. 9, 1914; *c.* Edgar Hamilton.

De Loach, Robert John Henderson, dir. Bur. Agrl. Res. and Econ., Armour & Co., 10154 Longwood Drive, Chicago, Ill.

Bot., Ga. Exp. Sta., 1906-8; prof. cotton ind., Univ. Ga., 1908-13; dir. Ga. Exp. Sta., 1913-6; present position, 1916-. Fellow A. A. A. S. *Auth.*: Rambles with John Burroughs, 1911; Agriculture for the Schools of Georgia, 1914. *Ed.* agrl. dept., Atlanta Constitution, 1913-6. —*b.* Statesboro, Ga., Dec. 21, 1873; *s.* Z. T. and Jane (Williams) D.; reared in country and village; *m.* Bessie Holland, Apr. 2, 1900; *c.* Edward, Louise, Evelyn, Julia Helen. A.B., Univ. Ga., 1898; A.M., 1906. Sigma Chi.

Delohery, Thomas J., assoc. ed. Farm and Fireside, 817 Exchange Ave., Chicago, Ill.

b. Chicago, Ill., May 23, 1893; *s* John and Mary (Callaghan) D.; reared in city and on farm; *m.* Grace J. Luby, Nov. 27, 1923. Student Ia. State Coll.

De Long, Alton Harrison, co. agrl. agt., Syracuse, Neb.

Teach. agr., high-sch., Wahoo, Neb., 1914-6; Watertown, S. D., 1916-7. —*b.* Jessup, Neb., May 20, 1888; *s.* Bernard A. and Hannah (Griffin) D.; reared on farm; *m.* Jessiebelle Hamilton, June 14, 1916; *c.* Dale Alton, Doris Joan, Phyllis. B.S.A., Univ. Neb., 1914. Phi Delta Chi; Phi Delta Kappa.

De Long, Dwight Moore, prof. ent., Ohio State Univ., Columbus, O.

Grad. asst. zool. and ent., Ohio State Univ., 1914-6; asst., 1916-7; instr., 1917-8; ent. asst., Penn. Bur. Plant Ind., 1919-21; field asst. U. S. Dept. Agr., Bur. Ent., summers 1915, 1917, 1924; asst. prof., Ohio State Univ., 1921-3; prof., 1923-. Private Med. Corps, U. S. Army, 1918-9. —*b.* Corning, O., Apr. 6, 1892; *s.* Geo. W. and Addie (Moore) D.; reared in town and on farm; *m.* Fannie Merchant, Dec. 22, 1917; *c.* Joan Elizabeth. B.S., Ohio Wesleyan Univ., 1914; M.S., Ohio State Univ., 1914; Ph.D., 1922. Sigma Xi; Gamma Alpha; Delta Theta Sigma.

Delwiche, Edmond Joseph, prof. agron. and supt. Branch Exp. Stas., Univ. Wis., Green Bay, Wis.

Supt. branch stas., Univ. Wis., 1906-9; asst. prof. agron. and supt. stas., 1909-12; assoc. prof., 1913-9; prof., 1920-. —*b.* Orbais, Belgium, Mar. 25, 1874 (naturalized 1895); *s.* Desire J. and Marie J. (Dethy) D.; reared on farm; *m.* Alice J. Collin, 1899; *c.* Mary A., Anthony J., Edmond D., Joseph J., Francis R., Richard O. B.S.A., Univ. Wis., 1906; M.S., 1909. Alpha Zeta.

Demaree, Juan Brewer, assoc. plant path., U. S. Dept. Agr., Thomasville, Ga.

Instr. bot., Univ. Md., 1910-3; asst. bot., Purdue Univ., 1913-5; instr. bot., Penn. State Coll., 1915-6; present position, 1918-. (Pecan diseases). —*b.* Madison, Ind., July 22, 1885; *s.* Benj. T. and Estella N. (Woodfill) D.; reared on farm; *m.* Grace Wood, June 20, 1912; *c.* Jean, Nancy, Frances, Kenneth. B.S., Purdue Univ., 1910.

DeMedicis, Mary Evelyn, home dem. agt., Monck's Corner, S. C.

Teach. Shilah Sch., Aiken, S. C., 1917-9; Clifton graded schs., Spartanburg, 1919-21; present position, 1921-. —*b.* Augusta, Ga., Mar. 13, 1898; *d.* Chas. P. and Fannie (Coward) D.;

reared on farm. B.S., Young Harris Coll., 1917.

Deming, William C., ed. and pub., Cheyenne, Wyoming.

Ed. Warren Daily Tribune, 1894-1901; ed. and pub. Wyoming Daily Tribune, now Tribune-Leader, 1901-; pub. Wyoming Stockman-Farmer, 1913-. Mem. Wyo. Legislature, 1903-5. Receiver U. S. Land Office, Cheyenne, 1907-13; pres. bd. trustees, Univ. Wyo., 1918-23; pres. U. S. Civil Serv. Comn., Washington, D. C., 1923-. —*b.* Mount Olivet, Ky., Dec. 6, 1869; *s.* O. S. and Leona (Rigg) D. A.B., Allegheny Coll., 1890; M.A., 1893; LL.D., 1924. Delta Tau Delta.

Demuth, George Sidney, ed. Gleanings in Bee Culture, Medina, O.

Beekeeper in Ind., 1885-1911; apiary insp., Ind., 1909-11; apicultural asst., Bur. Ent., U. S. Dept. Agr., 1911-20. —*b.* Peru, Ind., Mar. 2, 1871; *s.* Elias and Susannah (Miller) D.; reared in country; m. Belva E. Myers, July 22, 1903; *c.* Donald L.

Denbigh, Basil Robert, instr. agr., high-sch., Santa Rosa, Calif.

Asst. pom., Univ. Calif., 1921-4. In U. S. Naval Reserve, World War. (Pom.). —*b.* Calif., Dec. 7, 1896; *s.* B. K. and B. (Sadler) D.; reared on farm and in city; *m.* M. L. Liddell, Feb. 2, 1918; *c.* Kathleen M., Donald. B.S., Univ. Calif., 1925. Alpha Gamma Rho.

Denison, Irving Alson, asst. chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

In Chem. Warfare Serv., World War. —*b.* Washington, D. C., Feb. 22, 1896; *s.* Fenton Alson and Gertrude Frances (Montgomery) D.; reared in city. B.S., Univ. Ill., 1920; M.S., 1921. Sigma Xi; Alpha Zeta.

Denlinger, Huber Emerson, teach. voc. agr., high-sch., Trotwood, O.

Teach. high-sch., Star City, O., 1920-1; Trotwood, O., 1923-. —*b.* Montgomery Co., O., Feb. 20, 1899; *s.* O. C. and Lydia (Eikenberry) D.; reared on farm. B.S., Manchester Coll., 1923; B.Sc., Ohio State Univ., 1923. Delta Alpha Pi.

Dennis, Lindley H., dir. Bur. Voc. Educ., State Dept. Public Instr., Harrisburg, Pa.

Pres. Nat. Soc. for Voc. Educ., 1924. —*b.* Dover, N. H., Dec. 12, 1880; *s.* Wm. B. and Helen (Goodwin) D.; reared in town and on farm; *m.* Geraldine G. Conner, 1904; *c.* Lindley Henry. B.S., Penn. State Coll., 1912. Alpha Zeta.

Dennis, Samuel James, refrigeration tech., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Instr. mech. lab., Leland Stanford Univ., 1905-6. —*b.* Lynn, Mass., Apr. 22, 1873; *s.* Wm. Brown and Leah Helen (Goodwin) D.; reared in city; *m.* Irma Mary Walker, Sept. 22, 1909; *c.* Catherine Elizabeth. M.E., Cornell Univ., 1906.

Dennison, Raymond Louis, teach. agr. and princ. high-sch., Pineville, W. Va.

Princ. high-sch., Wyatt, W. Va., 1914-8; Sardis, 1919-23; present position, 1924-. Served in A. E. F. —*b.* Olive, W. Va., Nov. 7, 1893; *s.* Manley A. and Mary E. (Williams) D.; reared on farm. B.S.A., W. Va. Univ., 1923; A. B., Salem Coll., 1925.

Denny, Frank Earl, plant physiol., Boyce Thompson Inst. for Plant Res., Yonkers, N. Y.

Asst. hort., Univ. Neb., 1906-7; manag. Horse Collar Co., 1908-13; plant physiol., U. S. Bur. Chem., 1916-8; farmer, Colo., 1918-9; assoc. chem., U. S. Dept. Agr., 1919-24; present position, 1924-. —*b.* Tekamah, Neb., Mar. 31, 1883; *s.* Christopher C. and Ida L. (Witt) D.; reared on farm and in town; *m.* Marguerite Pillsbury, 1907. A.B., Univ. Neb., 1906; Ph.D., Univ. Chicago, 1916. Sigma Xi; Phi Beta Kappa; Alpha Theta Chi.

Dent, Gratz, co. agrl. agt., Savannah, Ga.

Farmer in Va., 2 yrs., Tex. 1 yr., Ariz., 1 yr., Ga., 20 yrs. Pres. Farmers Soc. of Glynn Co. Traveled in Europe. —*b.* Savannah, Ga., Sept. 24, 1881; *s.* Jas. Troup and Miriam (Cohen) D.; reared on farm. B.S., Sheffield Sci. Sch., Yale Univ., 1902; student short course, Univ. Ga., 1918-22. Delta Psi.

Dent, Samuel Preston, co. agrl. agt., Somerville, Tenn.

Agt. tick eradication, Bur. An. Ind., U. S. Dept. Agr., May-Sept., 1909; fellow and asst. agron., Miss. Exp. Sta., 1909-10; supt. Madison Co. agrl. high-sch., Camden, Miss., 1910-1; supt. Calhoun Co. agrl. high-sch., Derma, Miss., 1911-4; farm operator, 1914-6; agt. Painsett Co., Ark., 1916-22; Fayette Co., Tenn., 1922-. Dir. and organizer Calhoun Co. Coop. Shipping Assoc., 1914-; Poinsett Co. Live-Stock Assoc., 1918; Poinsett Co. Duroc Breeders Assoc. —*b.* Russum, Miss., Sept. 24, 1889; *s.* J. H. and Annie M. (Gilbert) D.; reared on farm; *m.* Maude Elizabeth Hollis, June 12, 1912; *c.* Paul Allen, Joseph Thos. B.S., Miss. A. & M. Coll., 1908.

Dent, Virgil R., teach. voc. agr., high-sch., Peebles, O.

b. Richland Co., O., July 3, 1898; *s.* O. S. and Eula A. (Hartupee) D.; reared on farm. B.S., Ohio State Univ., 1923.

Denton, Minna Caroline, specialist, Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Teach. public schs., Ft. Smith, Ark., 1891-8; instr. biol. and sanitation, Milwaukee-Downer Coll., 1901-6; prof. physiol. and bact., Lewis Inst., Chicago, 1906-14; instr. home econ., Univ. Chicago, summer 1913; prof. home econ., Ohio State Univ., 1914-6; asst. chief, Off. Home Econ., 1914-23; present position, 1923-. Pres. D. C. Home Econ. Assoc., 1922-4; chm. res. com., Amer. Home Econ. Assoc., 1919-. *Ed.* home econ. dept., School Science and Mathematics, 1914-5. —*b.* Baxter Springs, Kans., Jan. 16, 1883; *d.* Lucius Gary and Caroline (Hubbard) D.; reared on farm and in city. B.S., Univ. Mich., 1900; M.S., 1901; Ph.D., Univ. Chicago, 1918.

DePew, Heber F., asst. prof. dairy husb., Univ. N. H., Durham, N. H.

Asst. dairy husb., Univ. N. H., 1919; instr., 1920-2; asst. prof., 1922-. —*b.* Auburn, Ind., Apr. 1, 1895; *s.* Frank and Carrie (Lockwood) D.; reared on farm and in town; *m* Marjorie Baxter, Oct. 10, 1918; *c.* Barbara Ellen. B.S., Purdue Univ., 1917. Sigma Phi Epsilon; Alpha Zeta.

De Pue, Harold Foster, co. agrl. agt., Sidney, Mont.

Agrl. agt., Preston Co., W. Va., 1917; Wood Co., W. Va., 1918; instr. agr., high-sch. and co. club leader, Sidney, Mont., 1919-20; co. agt., Richland Co., 1920-. In U. S. Army, July-Dec., 1918. —*b.* Spencer, W. Va., Nov. 24, 1896; *s.* Henry and Ella J. (Foster) D.; reared on farm. B.S.A., W. Va. Univ., 1919. Phi Sigma Kappa; Theta Nu Epsilon; Alpha Epsilon Pi.

Derby, Samuel Henry, fruit-grower, Woodside, Del.

Master Del. State Grange, 4 yrs.; trustee Del. Coll.; chm. Agrl. Com. of Bd. Trustees. —*b.* Constable, N. Y., June 12, 1855; *s.* Henry Wm. and Maria Wortley (Bell) D.; reared in town; *m.* Emma Estelle Morse, Mar. 30, 1881; *c.* Roxy Maria, Wm. Vaughan.

Derden, Henry W., teach. voc. agr., high-sch., Waleska, Ga.

Head mech. dept., Thomasville Orphanage, N. C., 1 yr.; head. ind. dept., Reinhardt Coll., 1 yr. 2d Lieut. U. S. Army, 1918. —*b.* Ellijay, Ga., June 14, 1896; *s.* A. J. and B. V. (Derden) D.; reared on farm. B.S.A., Univ. Ga., 1923.

Derickson, Wilmer Tunnell, dir. Bur. Markets, Dover, Del.

Formerly sec.-treas., United Brokerage Co., Clarksburg, W. Va.; purchasing agt. and store manag., Croft Lumber Co., Alexander, W. Va. 2d Lieut., Q. M. C., U. S. Army, 1918-9. —*b.* Selbyville, Del., Aug. 1, 1888; *s.* Nathaniel M. and Mary (Holloway) D.; reared in town and on farm; *m.* Jessie Young, Mar. 20, 1920; *c.* Wilma Jean.

Derr, Henry Benjamin, co. agrl. agt., Fairfax, Va.

Instr. soils and crops, Univ. Neb., 1905; prof. biol., Danville, Ill., high-sch. and Summer Normal, 1906; Off. Cereal Invest., U. S. Dept. Agr., 7 yrs. —*b.* Mt. Carmel, Pa., May 22, 1867;

m. Isabelle Lee, May 22, 1890; *c.* Howard L., Grace Mae, Norman Stuart. B.S.A., Univ. Ill., 1905.

Derrick, Bruce Berger, co. agrl. agt., Bel Air, Md.

Ext. serv., Penn. State Coll., June-Aug. 1913; with Bur. Soils, U. S. Dept. Agr., 1913-5; manag. Piney Creek Farms, Northeast, Md., 1915-8; agrl. agt. Harford Co., Md., 1918-. —*b.* Unityville, Pa., Sept. 30, 1886; *s.* Daniel and Matilda (Berger) D.; reared on farm; *m.* Margaret E. Marsteller, Dec. 24, 1913; *c.* Wm. Sheldon, Daniel Jr., Joann Greg. B.S., Penn. State Coll., 1913.

Desilets, Alphonse, dir. agrl. short-courses and superv. Cercles de Fermières (home-makers clubs), 35 Cartier Ave., Quebec, Que.

Chief instr. for expl. plots, Oka Agrl. Inst., 1911-4; prof. theoretical and practical agr., Que. Military Hospital, 1917-8; dir. Cercles de Fermières, 1915-; dir. agrl. and household sci. short-courses, 1916-; chief home econ. serv., 1923-; chief Farm Labor Serv., 1918. Farm operator. Dir. Beekeepers Soc. Que. *Auth.*: Heures poetiques, 1910; Mon Pays, mes Amours, 1913. *Ed.,* La Bonne Fermière and dir. Bulletin de la Ferme. —*b.* Victoriaville, Que., Apr. 5, 1888; *s.* Theo. and Virginia (Hamelin) D.; *m.* Rolande Savard, June 1916; *c.* Yolande. B.L., Montreal Univ.; B.S.A., Oka Agrl. Inst.

Desmond, Thomas Henry, lands. arch., P. O. Box 322, Simsbury, Conn.

With Townsend and Fleming, lands. arch., Buffalo, N. Y., 1908-13. Served as town planner, U. S. Housing Corp., 1918. Mem. Amer. Soc. Lands. Arch. Traveled Europe, 1913. —*b.* Hyde Park, Mass., Dec. 19, 1884; *s.* John J. and Margaret E. (Conway) D.; reared in town and on farm; *m.* Olive A. Eddy, June 1, 1910; *c.* John Eddy, Thos. Conway, Robt. Collins, Philip Dater, Elizabeth, MacChesney, Jas. Maxson. Grad., Conn. Agr. Coll., 1906; B.S.A., Cornell Univ., 1908. Eta Lambda Sigma.

Detjen, Louis Reinhold, assoc. prof. hort. and assoc. hort. Exp. Sta., Univ. Del., Newark, Del.

Asst. hort., N. C. State Coll., 1909-20; present position, 1920-.—*b.* Algoma, Wis., Feb. 27, 1884; *s.* Hermann and Bertha (Raduenz) D.; reared in city and on farm; *m.* Edith Marion Lefavour, Aug. 28, 1917; *c.* Lois Marion. B.S., Univ. Wis., 1909; M.S., N. C. State Coll., 1911. Alpha Zeta; Phi Kappa Phi.

DeTurk, Ernest E., assoc. prof. soil tech., Univ. Ill., Urbana, Ill.

General farmer and distr. sch. teach., 1906-9; asst. agrl. chem., Penn. State Coll., 1913-4; instr., 1914-6; asst. prof., 1916-7; fellow, Univ. Ill., 1917-9; assoc. in soil fert., 1919-20; asst. prof. soil tech. and asst. chem. Exp. Sta., 1920-3; assoc. prof. and assoc. chem., 1923-. Fellow A. A. A. S. —*b.* Martinsville, Ind., Sept. 24, 1887; *s.* Eugene and Viola (Wetherby) D.; reared on farm; *m.* Nellie Metz, Aug. 26, 1914; *c.* Wm. Ernest, John Eugene. B.S.A., Purdue Univ., 1913; M.S., Penn. State Coll., 1916; Ph.D., Univ. Ill., 1919. Sigma Xi; Gamma Sigma Delta.

Detwiler, Samuel Bertolet, sr. path. in chg. Off. Blister Rust Control, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

U. S. For. Serv., 1902-7; asst. prof. for., Univ. Minn., 1907-8; for., For. Products Co., Red Wing, Minn., 1909-11; general supt., Pa. Chestnut Blight Com., 1911-3. (For. disease control and for. planting). --*b.* Montgomery Co., Pa., Sept. 18, 1881; *s.* Samuel B. and Frances Helphenstine (Longacre) D.; reared on farm; *m.* Kate Emily Price, Dec. 24, 1907; *c.* Samuel B. Jr., Robt. H. B.S., Univ. Minn., 1906. Sigma Xi; Alpha Zeta; Xi Sigma Pi.

Deuel, Ray Eugene, dairy farmer, Manlius, N. Y.

Instr. an. husb., Cornell Univ., 1911-3; agt. Orleans Co., Vt., 1914-6; ext. lect., Vt., winter 1914; agt. Rockingham Co., N. H., 1916-9; farm bur. manag., Onondaga Co. Farm and Home Bur. Assoc., 1919-22. —*b.* Chittenango, N. Y., May 20, 1886; *s.* W. E. and Francis (Bettinger) D.; reared in country; *m.* Diana M. Constable, Dec. 24, 1912; *c.* Ray E. Jr., Madeline, Frank M., Walter E. B.S.A., Cornell Univ., 1911. Alpha Zeta.

DeVault, Samuel Henry, prof. agrl. econ., Univ. Md., College Park, Md.

Asst. rural econ., Univ. N. C., 1916; instr. agrl. econ., Mass. Agr. Coll., 1917-8; prof., Research Univ., 1921-2; special agt. Bur. Census, 1919-22; present position, 1922-. Mem. San. Squad, Camp Meade, Md., 1918-9. Co. ed. Vol. VI of the Census Reports on Agr., 1920. —*b.* Jonesboro, Tenn., July 1, 1889; *s.* Fred W. and Laura (Martin) D.; reared on farm; *m.* Nell C. Milton, Sept. 5, 1917. A.B., Carson and Newman Coll., 1912; A.M., Univ. N. C., 1915; Ph.D., Research Univ., Washington, D. C., 1921. Pi Gamma Mu.

DeVore, Lloyd Grant, co. agrl. agt., Court House, Helena, Mont.

Instr. voc. agr., high-sch., Hobson, Mont., 1921; Mocassin, 1922; asst. cashier, Mocassin State Bank, 1922-4; agrl. agt. Lewis and Clark Co., 1924-. —*b.* Minneapolis, Minn., Jan. 31, 1895; *s.* Ira N. and Margaret M. (Bonner) D.; reared in town and on farm. B.S., Mont. State Coll., 1921. Omega Beta.

Dewald, John P., teach. agr., high-sch., Willis, Tex.

b. Taylor, Tex., Jan. 10, 1884; *s.* Frederick and Madelaine (Dillman) D.; reared on farm; *m.* Mabel Atkinson, Sept. 13, 1905; *c.* Emily, Dorothy, John P. Jr. B.S., Sam Houston State Teach. Coll., 1923.

Dewey, Lyster Hoxie, bot. in chg. fiber invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Mich. Agr. Coll., 1888-90; asst. bot., U. S. Dept. Agr., 1890-1900; present position, 1900-. Del. from U. S. to Intern. Fiber Congress, Java, 1911. Traveled in Mexico, W. Indies, Bahamas, Java, Japan. *Auth.*: Hemp, 1913. —*b.* Cambridge, Mich., Mar. 14, 1865; *s* Francis Asbury and Harriet (Smith) D.; reared on farm; *m.* Etta Conkling, Aug. 22, 1889; *c.* Grace Marguerite, Mary Genevieve. A.B., Mich. Agr. Coll., 1888.

Deyoe, George P., teach. voc. agr., high-sch., Vinton, Ia.

b. Mason City, Ia., Mar. 31, 1901; *s.* Geo. M. and Mable (Gillette) D.; reared on farm; *m.* Edna Zimmerman, July 26, 1924. B.S., Ia. State Coll., 1923. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta; Sigma Pi.

Dice, James Renfrew, prof. dairying, N. D. Agr. Coll., Agricultural College, N. D.

Farm manag., Pontiac, Mich., 1908-9; instr. dairy ind., Univ. Me., 1909-10; head dairy and an. husb. dept., N. Y. State Sch. Agr., Morrisville, 1910-9; present position, 1920-. —*b.* Enon Valley, Pa., July 6, 1885; *s.* John S. and Margaret (McQuigg) D.; reared on farm; *m.* Marion L. Welch, Apr. 9, 1912; *c.* Jas. H. B.S., Mich. Agr. Coll., 1908; A.M., Univ. Mo., 1919.

Dickens, Albert, prof. and head dept. hort., Kans. State Agr. Coll., Manhattan, Kans.

Foreman, Munger Orchards, Eureka, Kans., 1895; instr. Ellinwood high-sch., 1897-8; asst. hort., Kans. State Agr. Coll., 1899-1901; acting prof., 1901-2; prof., 1902-. Trustee, Kans. Hort. Soc., 1908-. —*b.* Anoka, Minn., Oct. 24, 1867; *s.* Wm. and Sarah (Ridge) D.; reared in town and on farm; *m.* Bertha Kimball, Jan. 1, 1898; *c.* Elizabeth, Wm., Richard K., John B. B.S., Kans. State Agr. Coll., 1893; M.S., 1901. Alpha Zeta; Phi Kappa Phi.

Dickenson, Robert William, co. agrl. agt., Virginia, Ill.

Asst. soil physics, Ill. Exp. Sta., 1912-7. 1st Lieut., U. S. Army, 1917-8. —*b.* Paris, Ill., Jan. 21, 1887; *s.* Wm. Wiley and Elizabeth Kaler (Rigg) D.; reared on farm; *m.* Gladys Blanche Wilson, June 9, 1917; *c.* Dorothy Ann, Robt. Wilson. B.S., Univ. Ill., 1912.

Dickerson, Harvey George, prof. rural educ., Prairie View State Normal and Ind. Coll., Prairie View, Tex.

b. Honaker, Va., June 16, 1899; *s.* A. J. and Ethel Moselle (Sargent) D. (col.); reared in town; *m.* Ada Taminnia Kilpatrick, Dec. 27, 1923. B.S., Ohio State Univ., 1923. Alpha Phi Alpha.

Dickey, Carlos Orville, co. agrl. agt., Dixon, Ky.

b. Dresden, O., Jan. 16, 1901; *s.* Fred and Cora (Shirer) D.; reared on farm. B.S.A., Ohio State Univ., 1923.

Dickey, John B. R., asst. prof. agron. ext., Penn. State Coll., State College, Pa.

Asst. soil survey in Pa., 1912; U. S. Bur. Soil Survey, 1912-6; ext. agron., N. J., 1916-20; present position, 1920-. —*b.* Oxford, Pa., Nov. 12, 1888; *s.* S. Ralston and Marion (Rutherford) D.; reared on farm; *m.* Edna R. Snydam, Oct. 3, 1923. B.S., Penn. State Coll., 1911. Alpha Gamma Rho.

Dickson, Bertram Thomas, prof. bot., Macdonald Coll., Que.

Asst. plant path., Cornell Univ., 1915-6; Commandant 1st British Army Sch. Agr., France, 1918; asst. prof. biol., Macdonald Coll., 1919-20; prof. bot., 1920-. Sec. Que. Soc. Protection of Plants, 1919-23, dir., 1923-; pres. Canadian branch Amer. Phytopath. Soc., 1924. Assoc. ed. Phytopathology, 1925. Capt. Canadian Army, 1916-9. (Plant path.). —*b.* Leicestershire, England, May 20, 1886; *s.* John Thos. and Anne (Cursley) D.; reared in city and on farm; *m.* Florence Roberts, Aug. 17, 1910; *c.* Francis Percy, Marjorie. B.A., Queen's Univ., 1915; Ph.D., McGill Univ., 1922. Sigma Xi.

Dickson, James Geere, assoc. prof. plant path., agt. U. S. Dept. Agr., Univ. Wis., Madison, Wis.

Grad. asst. soils, Wash. State Coll., 1915; grad. asst. bot., Univ. Wis., 1916-7; agt. Off. Cereal Invest., U. S. Dept. Agr., 1918-; assoc. prof. plant path., Univ. Wis., 1919-. (Cereal path., agron., bot.). —*b.* Yakima, Wash., Feb. 7, 1891; *s.* N. J. and Alethe R. (Conrad) D.; reared on farm; *m.* Leah A. Dodds, June 24, 1915; *c.* Jas. G. Jr., Allan N., Nevella L., Charlotte Mae. B.S., Wash. State Coll., 1915; M.S., Univ. Wis., 1917; Ph.D., 1920. Sigma Xi; Gamma Alpha; Phi Sigma.

Diehl, Helmut Charles, jr. physiol., Bur Plant Ind., U. S. Dept. Agr., Box 132, Wenatchee, Wash.

Asst. chem., sewage disposal invests., Conn. State Bd. Health, 1919-20; with Bur. Plant Ind., 1920-. With Chem. Warfare Serv., Med. Div., 1918. —*b.* Bridgeport, Conn., June 6, 1894; *s.* Karl Brossard and Anna Eleanora (Saur) D.; reared in city; *m.* Anna Cecelia Maurrer, Sept. 28, 1920; *c.* Robt. Karl. B.S., Mich. Agr. Coll., 1918; grad. student Johns Hopkins Univ., 1919-21, Univ. Md., 1923-4. Xi Sigma Pi.

Diehm, Oscar A., teach. voc. agr., high-sch., New Bremen, O.

Teach. voc. agr., high-sch., Bridgeville, Del., 1919-20; New Bremen, O., 1920-. Served in Signal Corps, U. S. Army. —*b.* Avilla, Ind., Feb. 8, 1895; *s.* John M. and A. Mary (Gienger) D.; reared on farm. B.S., Mich. Agr. Coll., 1919. Alpha Zeta.

Dies, Edward Jerome, administrative asst. to pres. of Chicago Bd. of Trade, Chicago, Ill.

Writer for the United Press, 1910-1; staff correspondent Associated Press, 1911-9; special writer for Canadian govt. and railways on agrl. subjects, 1920; publicity counselor, Chicago Bd. of Trade, 1920-5; ed. Nat. Syndicate Serv., Chicago. Contr. to magazines on grain production and marketing. *Auth.*: Skylines, 1925. —*b.* near Springfield, Ore., May 23, 1891; *s.* Allen Lewis and Martha (Hilton) D.; reared on farm; *m.* Mareeta Cole, May 29, 1912; *c.* Douglas Hilton.

Dietrich, William, co. agrl. agt., Charles City, Ia.

Farm manag., Hixton, Wis., 1901-2; soil expert, Bur. Soils, U. S. Dept. Agr., 1903-4; instr. to asst. prof. swine husb., Univ. Ill., 1904-12; asst. to asst. chief, Ill. Exp. Sta., 1904-12; asst. prof. an. and dairy husb., Univ. Minn., Crookston, 1913-8; agt. Fillmore Co., 1918-23; Floyd Co., Ia., 1923-. *Auth.*: Swine, 1912; Live-stock on the Farm, 1917. —*b.* Black River Falls, Wis., Mar. 24, 1871; *s.* Henry and Susan (Witting) D.; reared on farm; *m.* Mathilda Klein, Feb. 27, 1901; *c.* Norma L., Manford K. B.S.A., Univ. Wis., 1899; M.S., Univ. Ill., 1906. Sigma Xi.

Diggs, Charles H., ext. lands. arch., Ia. State Coll., Ames, Ia.

Lands. arch., Washington, D. C., 1912-24; present position, 1924-. (Farmstead developments). —*b.* Nora, Ill., June 13, 1888; *s.* Iven and Vienna (Jones) D.; reared on farm; *m.* Vera Ford, June 13, 1914. Student Grinnell Coll., Univ. Ill.

Dille, Alvin, specialist in agrl. educ., States Relations Serv., U. S. Dept. Agr., Washington, D. C.; Oct. 31, 1876-June 6, 1920. See Rus 1920.

Dillman, Arthur Charles, assoc. agron. in chg. seed flax invests., U. S. Dept. Agr., Washington, D. C.

With U. S. Dept. Agr., 1908-. Farm owner. —*b.* Marshall, Minn., Feb. 12, 1881; *s.* Jacob A. and Chloe Ann (Fleming) D.; reared on farm; *m.* Bee Margaret Bonesteel, June 17, 1909; *c* Virginia Lee. B.S., S. D. State Coll., 1907.

Dillon, Edward Leland, teach. voc. agr., high-sch., Winchester, Ill.

Farmer, Harmon, Ill., 1912-7; Oshtemo, Mich., 1917-9; teach. voc. agr., high-sch., Waverly, Ill., 1920-1; Wincester, 1921-. —*b.* Thomasboro, Ill., June 2, 1886; *s.* Wm. and Mira (Maurer) D.; reared in village; *m.* Hazle K. Cooper, June 26, 1912; *c.* Marion. B.S., Univ. Ill., 1910.

Dillon, John J., agrl. pub., 200 W. 71st St., New York, N. Y.

Assoc. ed. New York Farmer, 1887-91; dir., treas. and pub. Rural New Yorker, 1893-. Dir. and treas. Sherman Square Hotel Co.; dir. Megouka Realty Co.; dir. N. Y. and Pa. Joint Stock Land Bank, 1922-3; treas. N. Y. State Land Bank, 1914-; mem. State Bank Comn., 1914; dir. bd. N. Y. State Agr. Coll. Comnr. N. Y. State Dept. Foods and Markets, 1914-7; pres. N. Y. State Agrl. Soc., 2 yrs.—*b.* White Lake, N. Y., Nov. 7, 1856; *s.* John and Mary (Walch) D.; reared on farm; *m.* Mary C. May; *c.* 5 daughters. Grad. Albany Normal Coll.

Dimock, Julian Anthony, fruit-grower and seed potato raiser, E. Corinth, Vt.

Auth.: Outdoor Photography, 1909; The New Business of Farming, 1918. —*b.* Elizabeth, N. J., Aug. 9, 1873; *s.* Anthony W. and Helen (Weston) D.; reared in city; *m.* Annette F. Chase, 1912.

Dimock, William Wallace, prof. and head dept. vet. sci., Univ. Ky., Lexington, Ky.

Asst. an. husb., Agr. Exp. Sta., Cuba, 1906-8; chief vet., Nat. Bd. Health, Cuba, 1908-9; prof. path. and bact., Div. Vet. Med., Ia. State Coll., 1909-19; present position, 1919-. —*b.* Tolland, Conn., Feb. 20, 1880; *s.* Henry Eugene and Ellen M. (Clark) D.; reared on farm; *m.* Ruth Attwill Mudge, Nov. 27, 1909; *c.* Phoebe, Betty, Shubael Eugene, Gladys Eusebia, Ruth Mudge. B.A., Conn. Agr. Coll., 1901; D.V.M., Cornell Univ., 1905; D.V.M., Univ. Havana, Cuba, 1908. Sigma Xi; Phi Kappa Phi; Gamma Alpha.

Dinsmore, Wayne, sec. Horse Assoc. of Amer., 2148 W. 110th Place, Chicago, Ill.

From asst. to assoc. prof. an. husb., Ia. State Coll., 1903-10; sec. Percheron Soc. of Amer. to 1920. Sec.-treas. Nat. Soc. of Record Assocs. *Auth.*: (with A. H. Sanders) A History of the Percheron Horse. —*b.* Pacific Junction, Ia., Dec. 22, 1879; *s.* Geo. W. P. and Emma (Sherman) D.; reared on farm; *m.* Mary Kinnear Gray, Nov. 1, 1905; *c.* John Bell, Wayne Jr. B.S.A., Ia. State Coll., 1904; M.S.A., 1915. Phi Kappa Phi.

Dinwiddie, Martha Dabney, co. home dem. agt. in chg. field training agts., Blacksburg, Va.

b. Greenwood, Va., Feb. 4, 1895; *d.* Wm. and Mattie (Dabney) D.; reared in town and on farm. B.S., Teachers Coll., Columbia Univ., 1917. Phi Mu.

Dinwoodie, John Thomas Ebenezer, live stock ed. The Dakota Farmer, Aberdeen, S. D.

Herdsman, 1909-10; with Minn. Exp. Sta., 1913-6; ext. div., S. D. State Coll., 1916-9; present position, 1919-. —*b.* Bottineau, N. D., Mar. 2, 1888; *s.* Wm. and Mary (Kitchen) D.; reared on farm; *m.* Florenz Barthlemess, Sept. 4, 1914; *c.* Florenz Mary. V.M.D., Univ. Penn., 1913. Alpha Psi.

Dix, Everett L., dir. Jr. Red Cross, Southern Div., 249 Ivy St., Atlanta, Ga.

Teach. rural schs., 1902-6; princ. Germantown Acad., 1906-8; teach. Morehead Normal, 1908-9; princ. Boone high-sch., 1909-14; princ. Mayslick high-sch., 1914-7; prof. social econ. and dir. Red Cross Training courses, Berea Coll., Berea, Ky., 1917-23; present position, 1923-. Manag. Ky. Illiteracy Comn., campaigns of 1918 and 1919. *Ed.*, rural newspaper; Mountaineer Mag.; Kentuck Colonel Mag. (Rural sociol serv.). —*b.* Mt. Carmel, Ky., Sept. 24, 1882; *s.* Alexander and Cora Lee (Hannah) D.; reared on farm; *m.* Lottie Stewart, June 30, 1909; *c.* Alice Lee, Francis Errett. Student Nat. Normal Univ., Transylvania Coll., George Peabody Coll. for Teachers. N. Y. Sch. of Social Work.

Dix, George E., teach. voc. agr., high-sch., Laurelville, O.

b. Dennison, O., May 30, 1898; *s.* Frank W. and Laura H. (Downs) D.; reared on farm; *m.* Lana M. Williamson, Oct. 10, 1923. Student Ohio State Univ. Pi Alpha Chi.

Dixon, Frank Washburn, fruit-grower and nurseryman, Holton, Kans.

Trustee Kans. State Hort. Soc., 4 yrs., treas., 4 yrs. (Strawberry and apple-growing). —*b.* O., Aug. 31, 1869; *s.* W. F. and Rebecca (Washburn) D.; reared on farm; *m.* Angenette Young, Sept. 5, 1895; *c.* Leon Y., Julia, F. Wilmer.

Dixon, George Warren, farmer, Watertown, S. D.

Inst. and short-course speaker, 5 yrs.; farm labor specialist, U. S. Employment Serv., 1½ yrs.; asst. to Comnr. Immigration, 1919-20. Master S. D. State Grange, 1914-22; pres. S. D. Potato Growers Assoc. Proprietor Cottage Place Nursery. (Potato and farm labor specialist). —*b.* Dodge Co., Wis., Aug. 18, 1869; *s.* Wm. and Rhoda S. (Rich) D.; reared on farm; *m.* Rosa Jane Weber, Oct. 31, 1916.

Dizer, John Thomas, co. club agt., Norfolk Co. Agrl. Sch., Walpole, Mass.

b. E. Weymouth, Mass., Nov. 26, 1894; *s.* Wm. E. and Laura A. (Hayes) D.; reared in town; *m.* Eunice H. Homer, June 26, 1920; *c.* John T. Jr., Wm. Haven. B.S., Mass. Agr. Coll., 1917. Kappa Epsilon.

Doane, Duane Howard, owner and dir. Doane Agrl. Serv., 3207 Washington Blvd., St. Louis, Mo.

With Off. Farm Manag. and States Relations Serv., U. S. Dept., Agr., 1906-16; prof. farm manag., Univ. Mo., 1910-6; state leader co. agts., 1912-6; chg. rural serv. dept., Miss. Valley Trust Co., St. Louis, Mo., 1916-8; organized Doane Agrl. Serv., 1920. Pres. Nat. Agr. State Leaders Assoc., 1914-6; pres. Inter-State Congress, St. Joseph, Mo., 1914; mem. exec. bd., Fed. Mo. Commercial Clubs, 1915-6; chm. bd. dirs., Mo. Farm Manag. Assoc., 1909-16. *Auth.*: Sheep Feeding and Farm Management, 1912. Contributing ed., Missouri Farmer, 1911-6. —*b.* Mexico, N. Y., July 30, 1883; *s.* D. G. and Nettie (Powell) D.; reared in country and town; *m.* Eureth R. Grant, Nov. 7, 1911; *c.* Chas. Earl, Helen. B.S.A., Univ. Mo., 1908; M.S.A., 1909. Alpha Zeta.

Dobbins, O. A., farmer, Cedarville, O.

State inst. lect. (Corn and swine feeding). —*b.* Ada, O., Nov. 7, 1877; *s.* C. D. and Flora (Turnbull) D.; reared on farm; *m.* Alta Spangler, Mar. 12, 1902. B.S., LL.B., Ohio Northern Univ.

Dobbs, Eugene Clarence, distr. agrl. agt., Normal, Ala.

Teach. agr., Tuskegee Inst., 2 yrs.; present position, 1917-. —*b.* Calhoon, Miss., Jan. 30, 1891; *s.* Wesley and Elizzie D. (col.); reared on farm; *m.* Juanita Conyers, Dec. 14, 1923. B.S., 1913.

Dodd, David Rollin, agron. specialist, W. Va. Univ., Morgantown, W. Va.

Agrl. agt., Clay Co., W. Va., 1914-7; instr. agr., Clay Co. High-Sch., 1914-7; agrl. agt., Mason Co., W. Va., 1917-9; present position, 1919-. Del. Intern. Convention Y. M. C. A., Washington, 1907. —*b.* Martinsburg, W. Va., July 11, 1889; *s.* Samuel L. and Sallie (Ropp) D.; reared on farm; *m.* Grace Dillon, May 2, 1917; *c.* Edwin Dillon, Sarah Dillon. B.S.A., W. Va. Univ.,

1914; grad. student, Cornell Univ., 1922-3. Phi Delta Kappa.

Dodge, Bernice Frances, asst. prof. home econ., Univ. Wis., Madison, Wis.

Teach. high-sch., Goshen and Elkhart, Ind., 1906-15; instr. household arts educ., Columbia Univ., 1916-7; Horace Mann, 1917-9; present position, 1919-. —*b.* Bristol, Ind., June 1, 1884; *d.* Jas. Shaw and Nettie (Peck) D.; reared in city. Ph.B., Univ. Chicago, 1906; B.S., Columbia Univ., 1916; M.S., Univ. Wis., 1923. Omicron Nu.

Dodge, Hiram A., head dept. an. husb. and dairying, State Inst. Applied Agr., Farmingdale, N. Y.

Asst. an. nutr., Penn. State Coll., 1909; prof. an. husb. and dairying, De Hirsch Agrl. Sch., Woodbine, N. J., 1910-2; instr. an. husb., N. Y. State Sch. Agr., Canton, N. Y., 1912-5; prof. an. husb. and dairying, Theo. N. Vail Agrl. Sch., Lyndon Center, Vt., 1915-7. —*b.* Morrisville, Vt., Aug. 30, 1885; *s.* Alfred and Angie M. (Clement) D.; reared on farm; *m.* Emma Jane Seipt, Aug. 21, 1913. B.S., Univ. Vt., 1909. Alpha Zeta.

Dodge, Lawrence Green, farmer, W. Newbury, Mass.

On sci. staff, Off. Farm Manag., U. S. Dept. Agr., 1905-16; farm manag. dem., R. I. State Coll., 1920-4; farmer, 1910-. Pres. E. States Farmers Exchange, 1921; treas., 1922-4; treas. Essex Co. Coop. Dairy Assoc., 1923-4. (Farm manag.). —*b.* Wenham, Mass., Jan. 8, 1882; *s.* Robt. Francis and Mary Frances (Green) D.; reared on farm; *m.* Alice Ware Cole, Sept. 14, 1908; *c.* Harriet. A.B., Harvard Univ., 1904; B.S.A., Cornell Univ., 1905; M.S.A., 1907.

Dodge, Richard Elwood, dean two-yr. course in agr., Conn. Agr. Coll., Storrs, Conn.

Asst. geol., Harvard Univ., 1891-4; instr., 1894-5; instr. geol., Teachers Coll., Columbia Univ., 1895-6; assoc. prof., 1896-7; prof. geography, 1897-1916; farmer, 1906-; asst. co. agt. leader, Conn. Agr. Coll., 1918-9; co. agt. leader, 1919-20; present position, 1920-. *Auth.*: Reader in Physical Geography, 1900; Dodge's Geographies, 1908; (with Clara B. Kirchway) Teaching of Elementary School Geography, 1915; (with Isaiah Bowman) Brunhes' Human Geography, 1918. —*b.* Wenham, Mass., Mar. 30, 1868; *s.* Robt. Francis and Sarah Elizabeth (Wood) D.; reared on farm; *m.* Stella Pomeroy Dalton, Aug. 19, 1896; *c.* Stanley Dalton, Margaret, Philip Elwood. A.B., Harvard Univ., 1890; A.M., 1894. Sigma Xi; Delta Upsilon.

Dodson, William Rufus, dean Coll. Agr. and dir. Exp. Sta., La. State Univ., Baton Rouge, La.

Asst. biol., Univ. Mo., 1890-4; student asst., Harvard Bot. Lab., 1893-4; prof. bot., La. State Univ., 1894-1902; asst. dir. Exp. Sta., 1902-5; dir., 1905-19; dean Coll. Agr., 1909-19, 1921-; dir. ext., 1914-9. Mem. State Bd. Agr., State Museum Bd. Farm operator, 1914-22. On staff U. S. Food Adminis., 1918-9; mem. Nat. Agrl. Adv. Bd. to U. S. Dept. Agr. and U. S. Food Adminis., 1918-9; mem. agrl. com. Amer. Bankers Assoc., 1923. —*b.* Belton, Tex., July 17, 1867; *s.* Jesse Allen and Mary Elizabeth (Scott) D.; reared on farm; *m.* Minnie Pettengill, Jan. 29, 1896; *c.* Rogers, Alma, Wm. Rufus Jr. B.S., Univ. Mo., 1890; A.B., Harvard Univ., 1894. Beta Theta Pi.

Doerner, Armin Meredith, lands. gard., Doty and Doerner, Portland, Ore.

Instr., Kans. State Agr. Coll., 1916-20; formerly asst. prof. lands. gard. and flor., Wash. State Coll. Private Art., U. S. Army. —*b.* Denver, Colo., Nov. 20, 1893; *s.* Alfred and Nettie (Skinner) D.; reared in city and on farm; *m.* Dorothy Elizabeth Harrison, July, 1917; *c.* Wm. Allen, Betty Gene. B.S., Ore. Agr. Coll., 1916. Kappa Sigma; Alpha Zeta.

Doerschuk, J. J., co. agrl. agt., Libertyville, Ill.

Instr. agr., high-sch., Elk River, Royalton, Long Prairie, Minn., 1911-7; agrl. agt. Randolph Co., Ill., 1917-20; Union Co., 1920-2; Lake Co., 1922-. Sec.-treas. Lake Co. Nat. Farm Loan Assoc.; chm. Food Production and Con-

servation Com., Randolph Co., for State Council of Defense and mem. State Com. —*b.* Shanesville, O., Apr. 23, 1884; *s.* John and Mary (Zahner) D.; reared in town and on farm; *m.* Edna Laura Forman, Aug. 13, 1913; *c.* Herbert Cappel, Janet Lucile. B.S.A., Univ. Wis., 1911.

Doherty, Manning William, agrst., 89 Forest Hill Rd., Toronto, Ont.

Prof. biol., Ont. Agr. Coll., 1898-1903; honorable minister of agr. for Ont., 1919-23. Mem. Ont. Legislature. —*b.* Dixie, Ont., Sept. 27, 1875; *s.* Wm. Frederick and Anna (Hendley) D.; reared on farm; *m.* Antoinette Dolores Cassidy, 1903; *c.* Brian, D'Arcy. B.S.A., Toronto Univ., 1895; M.A., Cornell Univ., 1897.

Doherty, Thomas Keville, comnr. for Canada of the Intern. Inst. of Agr., Dept. Agr., Ottawa, Ont.

Private sec. to Dominion Minister Agr., 1896-1909; present position, 1910-. Founded and edited Bull. of Foreign Agrl. Intelligence, 1910-6; monthly communication to Agrl. Gazette of Canada, 1916-24; to Census and Statistics Monthly, 1924-. Del. to Intern. Inst. Agr., Rome, Italy, 1911, 1913, 1920; Intern. Agr. Congress, Madrid, 1911. —*b.* Sherbrooke, Que., May 11, 1858; *s.* Wm. M. and Alice (Keville) D.; reared on farm; *m.* Ada Richard, 1893. B.A., Montreal Coll., 1880; B.C.L., Univ. of Bishops Coll., Lennoxville, Que.,1884.

Dole, James Drummond, pres. and manag. Hawaiian Pineapple Co., Ltd., Box 3380, Honolulu, Hawaii.

Formerly chm. Hawaiian Territorial Food Comn.; formerly mem. Hawaiian Territorial Bd. Comnrs. of Agr.; trustee and ex-pres. Hawaiian Pineapple Growers Assoc. —*b.* Boston, Mass., Sept. 27, 1877; *s.* Chas. F. and Frances (Drummond) D.; reared in city; *m.* Belle Dickey, Nov. 22, 1906; *c.* Richard, Jas., Charley, Elizabeth, Barbara. A.B., Harvard Univ., 1899.

Donahue, Norman S., co. agrl. agt., Belfast, Me.

Princ. Hartland Acad., 1915-6. —*b.* Luthersburg, Pa., Nov. 8, 1887; *s.* Sylvester and Annie (Kopp) D.; reared on farm; *m.* Frances L. Lancey, June 26, 1918; *c.* Merrill Lancey. B.S., Univ. Me., 1915. Kappa Sigma.

Donald, John Sweet, farmer and stockman, 211 Prospect Ave., Madison, Wis.

Farm manag. dem., Univ. Wis. and U. S. Dept. Agr., 1920-. Mem. State Assembly, 1903-7; State Senate, 1909-11; Wis. Sec. of State, 1913-7. Pres. State Country Life Assoc., 1910-2; pres. Wis. State Live Stock Breeders Assoc., 1913-4. Served in Y. M. C. A. in France, 1918-9. —*b.* Mt. Horeb, Wis., Jan. 12, 1869; *s.* John S. and Ellen E. (Sweet) D.; reared on farm; *m.* Vona D. De Crow, 1898; *c.* Delma E. Grad. Northwestern Business Coll., 1889; Valparaiso Univ., 1894; Chicago Coll. Dental Surg., 1897. Delta Sigma Delta; Acacia.

Donart, Clarence Romanis, co. agrl. agt., Chamber of Commerce, Oklahoma City, Okla.

Banker, 1899-1912; hardware merchant, 1912-4; co. agrl. agt., 1915-. —*b.* Willshire, O., Mar. 6, 1877; *s.* Chas. and Sarah A. (Heath) D.; reared on farm; *m.* Martha Louise Swormstedt, Oct. 23, 1903; *c.* Roma Leola, Martha Louise. B.S., Okla. A. & M. Coll., 1899.

Doneghue, Ray Claude, co. agrl. agt., Macomb, Ill.

Asst. soil survey, Ill. Exp. Sta., 1906; asst. agron. and soil survey, Mo. Exp. Sta., 1906-8; asst. prof. agron., N. D. Agr. Coll. and asst. agron. Exp. Sta., 1908-11; prof. agron., 1911-4; agron., N. D. Exp. Sta., 1914-9; farm adv., McDonough Co., Ill., 1919-. Pres. N. D. Poly. Soc., 1917-8; pres. N. D. Acad. Sci., 1918; sec. Farm Managers Assoc., 1911-9. —*b.* Columbia, O., Feb. 19, 1883; *s.* E. J. and Nettie V. (Cole) D.; reared on farm; *m.* Mayble Miller, June 4, 1908; *c.* Dorothy May, Merritt Eugene, Donald Miller. B.S.A., Ohio State Univ., 1906; M.S.A., Univ. Mo., 1908. Alpha Zeta; Phi Kappa Phi.

Doney, Mary Ella, home dem. agt., Vicksburg, Miss.

Rural teach., Tenn., 1903-10; Ga., 1910-2; city supt. schs., Low Moor, Va.,

1912-4; instr. home econ. high-sch., Copperhill, Tenn., 1914-6; chg. garden and orchard, Ocoee Exp. Farm, Ducktown, Tenn., 1917-8; home dem. agt. Cannon Co., 1918-9; Lafayette Co., Miss., 1919-24; present position, 1924-. —*b.* Nashville, Tenn., Feb. 6, 1887; *d.* Albert Josiah and Amy M. (Bell) D.; reared in town. Grad. Terrill Coll., 1903; student Univ. Tenn., Univ. Chicago, Geo. Peabody Coll.

Donnan, Ray Fisk, farmer, Pine Manor, Waterville, O.

Agrl. agt. Lucas Co., O., 1917-24; instr. Ohio N. Univ. for agrl. trainees U. S. Veterans Bur. —*b.* Wauseon, O., May 4, 1890; *s.* John W. and Annie (Grizell) D.; *m.* Julia Smith, Aug. 28, 1919. B.A., Ohio Wesleyan Univ., 1912; B.S.A., Ohio State Univ., 1914. Alpha Sigma Phi; Delta Sigma Rho.

Donnell, Lowell Stevens, teach. agr., Franklin High-Sch., Los Angeles, Calif.

Corporal Field Art., U. S. Army, 1917-8; present position, 1921-. —*b.* Salida, Colo., Dec. 21, 1892; *s.* J. Edwin and Laura (Stevens) D.; reared in town; *m.* Henrietta B. Naftel, July 11, 1923. A.B., Occidental Coll., 1920.

Dooley, Harry A., co. agrl. agt., 203 Old Court House, Cleveland, O.

Manag. dept. agr., St. Mary's Training Sch., Ill., 1913-20; agrl. agt. Cuyahoga Co., 1920-. Vice-pres. Veg. Growers Amer., 1920-1. (Veg. and fruit marketing). —*b.* Atlantic, Ia., Feb. 24, 1888; *s.* John W. and Emma (Dabney) D.; reared on farm; *m.* Gladys Helen Earle, Mar. 1917; *c.* Roger E., John A. B.A., Simpson Coll., 1912; grad. Univ. Wis., 1913.

Dooley, Thomas P., acting head agrl. dept., Jamaica Plain High-Sch., Boston, Mass.

Teach. Boston Model Sch., 1915; sub-master Mather Sch., 1916; jr. asst. Brighton high-sch., 1917-8; in chg. war gardens, Boston Public Safety Com., 1918-9; present position, 1919-. Mem. exec. com. Mass. Agrl. Teach. Assoc. —*b.* Boston, Mass., Mar. 17, 1888; *s.* John B. and Mary J. (Stone) D.; reared in city; *m.* Helen V. Murry, May 7, 1916; *c.* J. Paul, Barbara, Marjorie. B.S., Mass. Agr. Coll., 1913; diploma Boston Normal Sch., 1914.

Doolittle, Sears Polydore, plant path., U. S. Dept. Agr., Univ. Wis., Madison, Wis.

Present position, 1919-. In Chem. Warfare Serv., 1918. (Mosaic diseases, particularly of curcurbits). —*b.* Beaver Dam, Wis., Mar. 21, 1890; *s.* Chas. P. and Carrie A. (Sears) D.; reared in town and on farm; *m.* Alma H. Steinmetz, Jan. 14, 1922; *c.* Mary Elizabeth. B.S., Mich. Agr. Coll., 1914; M.S., 1915; Ph.D., Univ. Wis., 1918. Sigma Xi; Gamma Alpha.

Doran, Edwin Beale, prof. farm mech., La. State Univ., Baton Rouge, La.

General farming, Ill., 2 yrs., Miss., 3 yrs.; with Intern. Harvester Co., 5 yrs. and made trips to France and Argentina; present position, 1911-. Pres. S. Sect., Amer. Soc. Agrl. Engin., 1919. —*b.* Loudon, Tenn., Oct. 11, 1885; *s.* Edwin Wortham and Florence Emily (Beale) D.; reared on farm and in city; *m.* Cornelia Anne Denham, Aug. 19, 1912; *c.* Edwin B. Jr. B.S., Univ. Ill., 1906.

Doran, William Leonard, asst. res. prof. bot., Mass. Agr. Coll., Amherst, Mass.

Sci. asst., Bur. Plant Ind., U. S. Dept. Agr., 1917-9; asst. prof. bot. and asst. bot. Exp. Sta., Univ. N. H., 1919-23; present position, 1923-. (Plant path.). —*b.* Dartmouth, Mass., July 28, 1893; *s.* Thos. W. and Elizabeth Lewis (Ryder) D.; reared on farm; *m.* Hazel Alice Bacon, June 2, 1917; *c.* Katherine Hazel, Thos. Bacon, Stephen Pritchard. B.S., Mass. Agr. Coll., 1915; M.S., 1917. Beta Kappa Phi; Phi Kappa Phi.

Dorchester, Charles Sylvester, asst. prof. farm crops, Ia. State Coll., Ames, Ia.

Asst. agrl. ext., Ia. State Coll., 1913-4; asst. prof., 1914-6; asst. prof. farm crops, 1916-. —*b.* State Center, Ia., Sept. 8, 1889; *s.* Lowing A. and May (Miller) D.; reared on farm; *m.* Ferne Marie Kennedy, June 16, 1914; *c.* Lois Amy, Mary Louise. B.S., Ia. State

Coll., 1913; M.S., Univ. Minn., 1923. Phi Kappa Phi; Delta Sigma Rho; Gamma Sigma Delta; Alpha Zeta.

Dorner, Herman Bernard, prof. and chief flor., Univ. Ill., Urbana, Ill.

Asst. bot., Purdue Exp. Sta., 1901-2; practical flor., 1902-6; asst. bot., Wabash Coll., 1906-8; asst. flor., Univ. Ill., 1908-11; asst. prof. and asst. chief flor., 1911-8; prof. and chief, 1918-. *Auth.*: Window Gardening, 1908. —*b.* LaFayette, Ind., Apr. 10, 1878; *s.* Frederick and Margaret S. (Eihl) D.; reared in city; *m.* Anna V. Simon, June 29, 1915; *c.* Mary Ann. B.S., Purdue Univ. 1900; M.S., 1901.

Dorsey, Henry, assoc. prof. agron. and assoc. agron. Exp. Sta., Conn. Agr. Coll., Storrs, Conn.

Formerly asst. prof. agron., W. Va. Univ. (Pasture). —*b.* Mt. Lookout, W. Va., May 14, 1882; *s.* Adam C. and Ruth (Groves) D.; reared on farm; *m.* Beulah Davis, 1919. B.S.A., W. Va. Univ., 1914; M.S.A., 1916. Phi Sigma Kappa.

Dorsey, Llewellyn Morse, assoc. prof. an. ind., Univ. Me., Orono, Me.

Herdsman, Mass. and Me., advanced registry superv., Me., 1916-7; instr. an. ind., Univ. Me., 1917-8; asst. prof., 1918-23; assoc. 1923-. (Dairying). —*b.* Ellsworth, Me., Oct. 13, 1892; *s.* Patrick S. and Alwilda (Marshall) D.; reared in town; *m.* Blanche C. Foster, Oct. 2, 1916. B.S., Univ. Me., 1916; M.S., 1923. Alpha Zeta; Sigma Alpha Epsilon.

Dorsey, Maxwell Jay, prof. hort., W. Va. Univ., Morgantown, W. Va.

Instr. hort., Univ. Me., 1906-7; asst. hort., N. Y. Agr. Exp. Sta., Geneva, 1907-10; asst. plant-breeding, Cornell Univ., 1910-1; assoc. prof. hort. in chg. sect. of fruit-breeding, Univ. Minn., 1911-23; present position, 1923-. —*b.* Dresden, O., May 3, 1880; *s.* Samuel and Martha Jane (Magruder) D.; reared on farm; *m.* Jean Muir, Dec. 9, 1914; *c.* John Muir. B.S., Mich. Agr. Coll., 1906; M.S.A., Cornell Univ., 1910; Ph.D., 1913. Sigma Xi; Alpha Zeta; Gamma Alpha; Gamma Sigma Delta.

Doten, Samuel Bradford, dir. Nev. Exp. Sta., Reno, Nev.

Instr. hist. and math., Univ. Nev., 1898-1900; instr. math. and ent., 1900-2; asst. prof., 1902-3; asst. prof. ent., meteorology, math., 1903-5; prof. ent. 1906-13; ent. Exp. Sta., 1906-13; dir. 1913-. —*b.* Virginia City, Nev., Dec. 14, 1875; *s.* Alfred and Mary (Stoddard) D.; reared in country town; *m.* Laura Katherine Schweiss, 1915. B.S., Univ. Nev., 1898; M.A., 1913. Phi Kappa Phi.

Dougherty, Newton Charles, farmer and stockman, Greeley, Colo.; Jan. 10, 1847-Jan. 26, 1922. See Rus 1920.

Douglas, Thomas E., co. agrl. agt., W. Point, Miss.

Sec. Chamber of Commerce, Amory, Miss., 1922-3; co. agrl. agt., 1923-. Served in U. S. Army, 1918. —*b.* Burnley, Va., Mar. 5, 1899; *s.* T. G. and Ollie (Tisdale) D.; reared on farm; *m.* Kathleen Taylor, Aug. 12, 1924. B.S., Lynchburg Coll., 1921; B.S.A., Ia. State Coll., 1922. Alpha Zeta; Alpha Kappa Delta.

Douglass, Ellwood, co. agrl. agt., Freehold, N. J.

Farmer, N. Y., 1913, N. J., 1914; agt. Atlantic Co., N. J., 1914-7; agt. Monmouth Co., 1917-. (Fruit-growing, potato culture). —*b.* Cold Spring, N. J., Nov. 14, 1889; *s.* Shamgar and Mary R. (Schellenger) D.; reared on farm; *m.* Edna R. Weeks, Oct. 25, 1915; *c.* Cora Louise, Mildred Adele, Shirley Rebecca. Student Rutgers Coll. and Cornell Univ.

Douglass, James Robert, asst. ent., U. S. Dept. Agr., Estancia, N. Mex.

Field asst., U. S. Bur. Ent., 1921; sci. asst., 1921-2; jr. ent., 1923-4; present position, 1924-. 2d Lieut. Inf., U. S. Army, 1918-21. (Mexican bean beetle). —*b.* Asbury, S. C., Nov. 8, 1894; *s.* W. J. and Nannie (Wood) D.; reared on farm; *m.* Esther Farrow, Dec. 30, 1920; *c.* Jane Fredda. B.S., Clemson Agr. Coll., 1918; M.S., Kans. State Agr. Coll., 1923. Gamma Sigma Delta.

Dove, John L., co. agrl. agt., Rockingham, N. C.

Farm manag. Fla., 1 yr., S. C., 1 yr., N. C., 5 yrs. Organizer Granville Co. Tobacco Assoc. and Cotton Grower; organizer Caswell Co. Tobacco Growers Assoc. and Council of Agr. —*b.* Fairfield Co., S. C., Aug. 18, 1883; *s.* Richard C. and Nancy (Wert) D.; reared on farm; *m.* Estelle Duke, Mar. 1917; *c.* Ruth, Dorothy. Clemson Agr. Coll., 1908.

Dowdle, Lois Pauline, state girls club agt., Univ. Ga., Athens, Ga.

Present position, 1915-. State chm. home econ. for Fed. Food Adminis.; state chm. home econ., food production and conservation, Woman's Com., Ga. Div. Council Nat. Defense. —*b.* Rome, Ga., Aug. 1, 1889; *d.* Lovic Pierce and Ella Paralee(Watkins) D.; reared in town. B.S., Univ. Ga., 1920; student Cornell Univ.

Dowdy, Guy, asst. state club leader, Ohio State Univ., Columbus, O.

Teach. Marshall Coll. Normal Sch., 1914-5; formerly co. agrl. agt., Princeton, W. Va. —*b.* Union, W. Va., Nov. 3, 1889; *s.* J. H. and Edna (Mitchell) D.; reared on farm; *m.* Olive Tallman, Sept. 15, 1916. B.S., W. Va. Univ., 1917; M.S., Ohio State Univ., 1920.

Dowell, Austin Allyn, live-stock specialist, Univ. Minn., University Farm, St. Paul, Minn.

Instr. an. husb., Ia. State Coll., 1915-7; prof. an. husb., Univ. Alta., 1917-22; present position, 1922-. —*b.* Gaynor City, Mo., Sept. 27, 1891; *s.* John B. and Nettie (Allyn) D.; reared on farm; *m.* Isabel Dyer, Sept. 6, 1916; *c.* Hannah Kellogg, Margaret, Ruth. B.S., Ia. State Coll., 1915. Delta Tau Delta; Alpha Zeta; Phi Kappa Phi.

Dowell, Carr Thomas, dean Agr. and dir. Exp. Sta., Okla. A. & M. Coll., Stillwater, Okla.

Teach. high-schs., Tex., 2 yrs.; Normal Sch., Okla., 3 yrs.; Univ. Tex., 6 yrs.; chem. Exp. Sta., Okla. A. & M. Coll., 1918-; dir., 1921-; dean Agr., 1923-. (Agrl. chem.). —*b.* Mt. Sylvan, Tex., Dec. 3, 1878; *s.* Wm. Carr and Nannie (McAdams) D.; reared on farm; *m.* Jessie Cady, Feb. 22, 1905; *c.* C. T. Jr., Sinclair Cady, Willard D., Macolm D. B.A., Tex. Christian Univ., 1901; B.S., Univ. Tex., 1902; Ph.D., Univ. Calif., 1915. Phi Beta Kappa; Sigma Xi.

Downey, Mary Elizabeth, library sec. and organizer of Utah, State Dept. Public Instr., Salt Lake City, Utah.

Librarian, public library, Ottumwa, Ia., 1902-8; library organizer of O., 1908-12; present position, 1914-; dir. Chautauqua, N. Y., Sch. for Librarians, 1906-. —*b.* Sarahsville, O.; *d.* Hiram Jas. and Martha (Ball) D.; reared in town. A.B., Denison Univ., 1899; Library Sci., Univ. Chicago, 1901.

Downs, Paul Andrew, assoc. prof. dairy ind., Univ. Neb., Lincoln, Neb.

Chg. college creamery, Conn. Agr. Coll., 1914-8; instr. dairy bact., Cornell Univ., 1918-23; chg. raw material Rosemary Creamery Co., Adams, N. Y., 1919; asst. res. chem., Nestles Food Co., 1920. —*b.* Waterbury, Conn., Mar. 4, 1891; *s.* Geo. N. and Emma Jane (Curtiss) D.; reared in country; *m.* Grace Woodward Sanford, June 17, 1913. B.S., Conn. Agr. Coll., 1918; M.S., Cornell Univ., 1920; Ph.D., 1923. Alpha Gamma Rho; Sigma Xi.

Dox, Arthur Wayland, res. chem., Parke, Davis & Co., Detroit, Mich.

Chem., Dairy Div., U. S. Dept. Agr., 1905-10; chief in chem., Ia. Exp. Sta., 1910-20; present position, 1920-. Sec. Biol. Div., Amer. Chem. Soc., 1920, chm., 1921. Capt., Sanitary Corps, U. S. Army, 1917-9; Major, Chem. Warfare Serv., O. R. C., 1919-23; Lt.-Col., 1923-. (Agrl. and biol. chem.). —*b.* Corning, N. Y., Sept. 19, 1882; *s.* Rutger and Lydia M. (Pettit) D.; reared in city; *m.* Berenice Carol Fisher, 1910; *c.* Charmion Elinore. B.S., Univ. Penn., 1904; A.M., Columbia Univ., 1905; Ph.D., Yale Univ., 1909. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Phi Lambda Upsilon.

Doxsee, Earl DeWitt, asst. prof. agrl. educ., Univ. Ill., Urbana, Ill.

Chief. an. husb. dept., Calif. State Poly., 1917-9; instr., Ore. Agr. Coll., 1919-20; asst. prof., 1920-3; state superv. and asst. prof. agrl. educ., Univ. Ariz., 1923-4; asst. prof. voc. educ., 1924-5; present position, 1925-. —*b.* Storm Lake, Ia., Sept. 12, 1891; *s.* H. V. and Ella (Sturges) D.; reared on farm; *m.* Bertha Boies, 1915; *c.* Earl D. Jr., Eltha La Fern. B.S., Ore. Agr. Coll., 1915; M.S., 1923. Phi Delta Kappa; Alpha Tau Alpha.

Doyle, Horace Mills, teach. voc. agr., high-sch., Wooster, O.

Club leader Wayne Co. boys and girls club; mem. agrl. com. Wooster Bd. of Trade. 2d Lieut. Air Serv., U. S. Army, 1917-9. —*b.* Ontario Co., N. Y., Feb. 18, 1888; *s.* F. E. and Alice (Carroll) D.; reared on farm; *m.* Miriam Foster, Aug. 17, 1913; *c.* Robt. D. B.S., Cornell Univ., 1913.

Dozier, Herbert Lawrence, ent., Del. Agr. Exp. Sta., Newark, Del.

Asst. ent., Miss. State Plant Bd., 1920-1; fellow, Ohio State Univ., 1921-2; ent. in chg. U. S. Bur. Ent. Sta., New Orleans, La., 1922-3; ent., Gulf Coast Citrus Exchange, Mobile, Ala., 1923-4; chief ent., Insular Exp. Sta., Rio Piedras, Porto Rico, 1924-5; present position, 1925-. Served in Med. Corps, A. E. F. —*b.* Wilmington, N. C., June 24, 1895; *s.* Leonidas Byrd and Annie (Gibson) D.; reared in city and on farm; *m.* May Marion Keating, Dec. 26, 1923; *c.* Herbert L. Jr. B.S., Univ. S. C., 1915; M.S., Univ. Fla., 1917; Ph.D., Ohio State Univ., 1922. Gamma Alpha.

Drain, Brooks Daniel, asst. prof. pom., Mass. Agr. Coll., Amherst, Mass.

Instr., Ohio State Univ., 1917-8; present position, 1919-. Manag. Warrior Mt. Orchard Co., 1917. Served in Field Art., U. S. Army. —*b.* Washington, Co., O., Dec. 9, 1891; *s.* Daniel C. and Mina (Arnold) D.; reared on farm. B.Sc., Ohio State Univ., 1917.

Drain, Harry D., asst. prof. dairy, Ohio State Univ., Columbus, O.

In dairy dept., Miss. A. & M. Coll., 1914-5; N. C. State Coll., 1915-6; Mass. Agr. Coll., 1916-8; asst. manag. Producers Dairy Co., Brockton, Mass., 1918-9; manag. Farmers Coop. Milk Exch., Westfield, 1919-20; present position, 1920-. Served in U. S. Army, 1918. (Market milk). —*b.* Washington Co., O., June 24, 1887; *s.* Daniel C. and Mina (Arnold) D.; reared on farm; *m.* Bethel Ingraham, 1920; *c.* Leonora, Daniel I. B.S.A., Ohio State Univ., 1913.

Drake, Alice Gorton, home dem. agt., Fairburn, Ga.

b. Athens, Ga., Sept. 12, 1896; *d.* B. M. and Iula (Hunnicutt) D.; reared on farm. Grad. Ga. State Coll. for Women, 1918.

Drake, Benjamin Magruder, co. agrl. agt., Summerville, Ga.

Prof. English, Centenary Coll., La., 1890-2; prof. Latin and Greek, Emory and Henry Coll., Va., 1895; instr. Greek and English, Vanderbilt Univ., 1899-1904; prof. English, Epworth Univ., 1904-5; farming, Clayton Co., Ga., 1905-10; Coweta Co., Ga., 1910-9. —*b.* Greenville, Miss., Jan. 16, 1868; *s.* W. W. and Alice (Gorton) D.; reared on farm; *m.* Mary Iula Hunnicutt, Aug. 28, 1895; *c.* Alice G., Jas. B., Willmarth W., Emily P., Frank M. A.B., Centenary Coll., 1886; A.M., Vanderbilt Univ., 1895; Ph.D., 1899.

Drake, Willmarth Winans, co. agrl. agt., Cordele, Ga.

b. Nashville, Tenn., May 31, 1900; *s.* B. M. and Iula (Hunnicutt) D.; reared on farm. B.S.A., Univ. Ga., 1923. Alpha Zeta; Phi Kappa Phi.

Drayton, Frank Lisle, plant path., Central Exp. Farm, Dominion Dept. Agr., Ottawa, Ont.

Lieut. Canadian Army, World War. (Diseases of ornamental plants). —*b.* Bridgetown, Barbados, Aug. 13, 1892; *s.* F. W. and Mary I. (Clarke) D.; reared in city; *m.* Alice Villiers England, Jan. 26, 1916; *c.* Katherine Mary, Elizabeth Anne. B.S.A., Macdonald Coll., 1914.

Drechsler, Charles, assoc. plant path., U. S. Dept. Agr., Washington, D. C.

In Engin. Corps, U. S. Army, World War. (Parasitic fungi causing plant diseases). —*b.* Butternut, Wis., May 1, 1892; *s.* Louis and Bertha (Schulz) D.; reared on farm. B.S., Univ. Wis., 1913; M.S., 1914; Ph.D., Harvard Univ., 1917. Sigma Xi.

Dreifus, Matilda, dir. farm and rural dept., Nat. Council of Jewish Women, 5 Columbus Circle, New York, N. Y.

Teach. elem. sch., Univ. Mo.; teach. ethical cult., New York schs.; supt. sanitorium, Rockaway Park; dir. summer play sch., Emanuel Sisterhood, New York. —*b.* Cincinnati, O.; *d.* Meyer and Sophie (Bloch) D. Student Univ. Cincinnati, Columbia Univ.

Drew, George Albert, fruit-grower and farm manag., Greenwich, Conn.

Foreman in hort., Mass. Agr. Coll., 1897-1903; instr. hort., 1903; manag. Conyers Farm, 1903-; owner Drew Fruit Farms, Westford, Mass.; pres. and treas. Drew Orchards Inc., Sutton, Mass. Vice-pres. Conn. Pom. Soc., 1912-3. —*b.* Westford, Mass., Mar. 18, 1876; *s.* Geo. and Sarah J. (Ober) D.; reared on farm; *m.* Rachel Brooks, May 21, 1907; *c.* Wm. B., Benj. W., Geo. A. Jr. B.S., Mass. Agr. Coll., 1897. Phi Sigma Kappa.

Drewry, Charles Bemrose, co. agrl. agt., Marinette, Wis.

Agrl. fieldman, Great Western Sugar Co., Ft. Collins, Colo., 1920-1; instr. Marinette Co. Agrl. Sch., 1921-3; agrl. agt., 1923-. Sec. Marinette Co. Potato Growers Assoc. —*b.* Waldo, Wis., Mar. 19, 1898; *s.* Geo. H. and Minnie (Keller) D.; reared in town; *m.* Carol Jewett, Sept. 13, 1921; *c.* Chas. B. Jr., David Jewett. B.S.A., Univ. Wis., 1920. Alpha Zeta.

Drexel, Eugene Paul, co. agrl. agt., Eastman, Ga.

Instr. agr., 11th Distr. A. & M. Sch., Douglas, Ga., 1917; 5th Distr. A. & M. Sch., Monroe, 1919; instr. voc. agr., Barnesville, 1920-2; agrl. agt. Dodge Co., 1923-. Served in World War, 1918. —*b.* N. Vernon, Ind., July 20, 1893; *s.* Jacob and Bertha (Henninger) D.; reared on farm; *m.* Myrtle Willie Bailey, Aug. 6, 1919. B.S.A., Univ. Ga., 1917. Alpha Zeta; Lambda Chi Alpha.

Drinkard, Alfred Washington Jr., dir. Va. Exp. Sta., Blacksburg, Va.

Record clerk in hort., Va. Exp. Sta., 1906-8; asst. hort., 1908-12; assoc. hort., 1912-6; dir., 1916-. Vice-pres. Va. State Hort. Soc., 1917. —*b.* Appomattox, Va., Jan. 10, 1883; *s.* Chas. M. and Mary Anne (Martin) D.; reared on farm. B.S., Va. Poly. Inst., 1906; M.S., 1908; Ph.D., Cornell Univ., 1913. Sigma Xi; Phi Kappa Phi.

Drishaus, Roland R. A., teach. voc. agr., high-sch., Holmesville, Neb.

b. Scribner, Neb., Aug. 28, 1902; *s.* Willie and Mary (Shirreffs) D. B.S., Univ. Neb., 1924. Alpha Zeta; Gamma Sigma Delta.

Driver, Charles Everett, breeder Holstein cattle, Crescent, Mo.

Field man, Union Dairy Co., St. Louis, Mo., 1914; asst. general manag., 1915-6; built city milk plant, Sedalia, Mo., 1919; dairy agt. Mo. Pacific Railroad Co., St. Louis, 1923-4. Sec.-treas. Mo. Holstein Breeders Assoc. Dairy ed., Missouri Ruralist. —*b.* Bower's Mill, Mo., Nov. 3, 1889; *s.* W. I. and Lodena (Eads) D.; reared on farm; *m.* Elizabeth Lewis, July 27, 1916; *c.* Chas. E. Jr. B.S.A., Univ. Mo., 1913. Kappa Sigma.

Drobish, Harry Everett, co. agrl. agt., Oroville, Calif.

Fruit-grower, S. Calif., 6 yrs.; co. agrl. agt., 1917-. Served in Coast Artillery, 6 wks. —*b.* Decatur, Ill., May 27, 1893; *s.* Geo. F. and Emma E. (Etherton) D.; reared in town. B.S., Univ. Calif., 1917. Alpha Zeta; Alpha Kappa Lambda.

Droge, William F., co. agrl. agt., Rocky Ford, Colo.

Asst. bact., Kans. State Agr. Coll., 1910-1; deputy state dairy comnr., Kans., 1912-3; creamery manag., Swift & Co., 1914; farmer, 1915-6; asst. prof. an. husb., Colo. Agr. Coll., 1917; co. agt., 1918-. —*b.* Seneca, Kans., May 6, 1881; *s.* Conrad and Sophie (Poppe) D.; reared on farm; *m.* Helen M.

Myers, June 19, 1913; *c.* Elizabeth Mears, Frederick Wm. B.S., Kans. State Agr. Coll., 1901.

Drummond, Wilbert I., chm. bd. governors and manag. dir. Amer. Farm Congress (formerly Intern. Farm Congress), Kansas City, Mo.

General farming, and pub. daily, weekly and farm papers, Kans. and Okla., 1896-1916; present position, 1915-. Manag. Intern. Soil-Products Expos., 1916-. *Ed.*, Agricultural Review. —*b.* Sigourney, Ia., Oct. 10, 1874; *s.* Isaac S. and Rebecca (White) Drummond; reared on farm and in city; *m.* Mary E. Peckham, Sept. 22, 1897 (d. 1914); 2d Anne Ione Bigham, May 1, 1920; *c.* Donald I., Bessie E., Maribel J., Wilbert N.

Dryden, Winfield Joseph, ed. Pacific Poultrycraft, 312 E. 12th St., Los Angeles, Calif.

Sec. Calif. Poultry Council; sec. Calif. Barred Plymouth Rock Club. Formerly on editorial staff Portland News, San Francisco Examiner, Orchard and Farm, Pacific Rural Press. Sergeant-Major, U. S. Army, 1917-9. —*b.* Logan, Utah, June 15, 1897; *s.* Jas. and Alice (Keim) D.; reared in city. Student Ore. Agr. Coll. Sigma Delta Chi.

DuBois, Charles Orrin, dir. State Sch. Agr. and Dom. Sci., Delhi, N. Y.

Princ. Central Square high-sch., 1895-1902; Tully, N. Y., 1902-9; asst. dir. Alfred State Sch. Agr., 1909-17; present position, 1917-. (Soils and crops). —*b.* Wetona, Pa., Oct. 28, 1867; *s.* Broaded and Betsy Ann (Rice) D.; reared on farm; *m.* Gertrude De Voe, Dec. 27, 1894; 2d, Grace Brown, Jan., 1897; *c.* Hascall, Marian, Donald. Ph.B., Ill. Wesleyan, 1909; B.S., Alfred Univ., 1910; grad. work, Cornell Univ., 1913.

Duck, Russell William, prof. an. husb., Coll. Agr., Syracuse Univ., Syracuse, N. Y.

Instr. an. husb., Penn. State Coll., 1915. Capt. U. S. Marine Corps, 1917-9. (Swine). —*b.* Larned, Kans., Sept. 19, 1888; *s.* William and Edna (Riley) D.; reared in country; *m.* Erie Marie Hyatt, Mar. 25, 1919. B.S.A., Univ. Mo., 1915; M.S.A., Syracuse Univ., 1917. Alpha Zeta.

Dudgeon, Matthew S., librarian, Public Library, Milwaukee, Wis.

Dir. Wis. Library Sch., 1909-20; special instr. political sci., Univ. Wis. Prosecuting attorney, Dane Co., Wis., 1899-1903; mem. Wis. Legislature, 1903-4. Served in Spanish Amer. War; rep. Amer. Library Assoc. in U. S. and France, 1917-9. (Coop. marketing, distribution of books to rural communities). —*b.* Madison, Wis., June 18, 1871; *s.* Richard and Dilla (Ball) D.; reared on farm and in village; *m.* Mabel Cunningham, July 11, 1900; *c.* Lucile, Edith. A.B., A.M., Baker Univ., Baldwin, Kans.; LL.B., Univ. Wis. Delta Tau Delta; Phi Delta Phi.

Duffee, Floyd W., assoc. prof. agrl. engin., Univ. Wis., Madison, Wis.

Instr. agrl. engin., Conn. Agr. Coll., 1915-8; present position, 1918-. —*b.* Wayne Co., Ind., Jan. 21, 1893; *s.* Henry N. and Mary J. (Newbern) D.; reared on farm; *m.* Isabel C. Walsh, Jan. 12, 1921; *c.* Patricia Mary, Mary Jane. B.S.A., Ohio State Univ., 1915.

Dufford, J. Clair, teach. voc. agr., high-sch., Glastonbury, Conn.

Farm manag., Newtown Square, Pa., 1917; princ. Washington Township Voc. Sch., Falls Creek, Pa., 1919-21; asst. prof. agrl. educ., Miss. A. & M. Coll., 1921-2; princ. State Secondary Agrl. Sch., Abbeville, Ala., 1922-3; present position, 1923-. Served in Field Art., U. S. Army, 1918-9. —*b.* Butler Co., Pa., Jan. 2, 1891; *s.* J. E. and Eva E. (Hamel) D.; reared on farm; *m.* Ruth S. Mapes, June 7, 1917; *c.* John M., Harold M. B.S., Penn. State Coll., 1917. Alpha Zeta.

Duggan, Ivy W., co. agrl. agt., Ashburn, Ga.

Teach. agr., high-sch., Greer, S. C., 1919-20; Ashburn, 1922-4; agrl. agt. Turner Co., 1924-. Manag. Turner Co. Coop. Sales Assoc. 2d Lieut. U. S. Army, World War. —*b.* Sparta, Ga., Mar. 2, 1897; *s.* M. L. and Sallie

(Grant) D.; reared on farm and in town; *m.* Fannie C. Cantey, Oct. 3, 1924. B.S.A., Clemson Agr. Coll., 1919.

Duggar, John Frederic, res. prof. farm manag., Ala. Poly. Inst., Auburn, Ala.

Asst. prof. agr., Tex. A. & M. Coll., Bryan, 1887-9; ed. Southern Live-Stock Journal, 1890; asst. dir., U. S. Exp. Sta., Clemson Coll., 1890-2; ed. dept. field crops, Exp. Sta. Record, U. S. Dept. Agr., 1893-5; prof. agr., Ala. Poly. Inst., 1896-1921; dir. Exp. Sta., 1903-21; dir. ext. serv., 1914-20; lect. agron. Univ. Calif., 1922-4; present position, 1921-. *Auth.*: Agriculture for Southern Schools, revised ed., 1923; Southern Field Crops, revised edition, 1925. —*b.* Faunsdale, Ala., Aug. 24, 1868; *s.* Reuben Henry and Margaret Louisa (Minge) D.; *m.* Frances Ambrose Camp, June 17, 1891. B.S., Miss. A. & M. Coll., 1887; M.S., 1888.

Duley, Frank Leslie, assoc. prof. soils, Univ. Mo., Columbia, Mo.

Res. asst. soils, Univ. Mo., 1915-7; instr., 1917-9; asst. prof., 1919; assoc. prof., 1920-. —*b.* Mo., Dec. 21, 1888; *s.* D. S. and Martha (Morris) D.; reared on farm; *m.* Lucile Douglass, June 1, 1918. B.S.A., Univ. Mo., 1914; A.M., 1915; hon. fellow, Univ. Wis., 1921-2; Ph.D., 1923. Alpha Zeta.

Duncan, Ann Phillips, home dem. agt., 42 Walnut St., Binghamton, N. Y.

Teach. rural sch., Benson, Vt., 1912; prep. dept., Troy Conf. Acad., Poultney, 1913-4. —*b.* Crown Point, N. Y., Apr. 18, 1893; *d.* John and Juda (Moss) Phillips; reared on farm; *m.* Chas. E. Duncan, Dec. 25, 1922; *c.* Chas. Stewart. B.S., Cornell Univ., 1918.

Duncan, Lottie Jane Chapman, dir. home econ., Man. Agr. Coll., Winnipeg, Man.

Lect., Man. Agr. Coll., 1921; dir. home econ., 1922-. Pres. Man. Home Econ. Corp. —*b.* Brucefield, Ont., May 27, 1887; *d.* Jas. and Jane (Gordon) Chapman; reared on farm; *m.* Frank Duncan, Dec. 18, 1909 (d. 1918); *c.* Bernice. Grad. Winnipeg Normal Sch., 1907; Stout Inst., Wis., 1920; Ph.B., Univ. Chicago, 1922.

Duncan, Luther Noble, dir. ext., Ala. Poly. Inst., Auburn, Ala.

Teach. agr., Ala. agrl. high-schs., 1900-6; asst. agr., Ala. Poly. Inst., 1906-9; present position, 1909-. *Assoc. ed.,* Farm Life Readers, books 4 and 5. —*b.* Russellville, Ala., Oct. 14, 1875; *s.* Thos. A. and Margarett (Hargett) D.; reared on farm; *m.* Annie Elizabeth Smith, Feb. 26, 1902; *c.* Mary Elizabeth, Margaret Susan, Robt. Smith. B.S., Ala. Poly. Inst., 1900; M.S., 1907. Kappa Sigma; Phi Kappa Phi.

Dundas, Muriel Elizabeth, home dem. agt., Federal Bldg., Pontiac, Mich.

Superv. home econ., high-sch., Albion, Mich., 1918-9; Mt. Clemens, 1919-21; home dem. agt., Gladwin, 1921-2; Allegan Co., 1922-4; Oakland Co., 1924-. —*b.* Bad Axe, Mich., Aug. 21, 1897; *d.* Arthur and Bella (Scott) D.; reared in town. B.S., Mich. Agr. Coll., 1918. Omicron Nu.

Dunegan, John Clymer, asst. path., U. S. Peach Disease Field Lab., Ft. Valley, Ga.

Field asst. potato wart survey, Fed. Hort. Bd., 1920-1; sci. asst., 1921; sci. asst., Off. Fruit-Disease Invests., U. S. Dept. Agr., 1921-2; jr. path., 1922-5; asst. path., 1925-. —*b.* Philadelphia, Pa., Feb. 1, 1898; *s.* Jas. D. and Gertrude (Clymer) D.; reared in city and country; *m.* Mildred Esher, Aug. 31, 1921. B.S., Penn. State Coll., 1921. Alpha Zeta; Phi Kappa Phi.

Dunlap, Frederick, consulting forester, Columbia, Mo.

Mem. U. S. For. Serv., 1904-13; in For. Products Lab., 1909-13; lect. for., Univ. Wis., 1910-3; prof. for., Univ. Mo., 1913-21. In chg. govt. black walnut survey west of Mississippi River, 1918; sec. Mo. Wood Fuel Com., U. S. Fuel Adminis., 1918; mem. Bd. Religious Educ., Episcopal Diocese of Mo., 1921-; prof. Universite Intern. of Brussels, 1921-; organizer and sec. Mo. For. Assoc., 1921-. Fellow Royal Soc. Arts, A. A. A. S. Studied German and Swiss forests, 1903. *Assoc. ed.,* Forest Quarterly, 1902-16. —*b.* Ross Co., O., June 17, 1881; *s.* Philip Marion and Mary E. (Lutz) D.; reared on

farm; *m.* Florence Hallowell, Oct. 20, 1906; *c.* Lawrence Hallowell, Marion, Richard Morris. Studied Ohio State Univ., 1899-1901; F.E., Cornell Univ., 1904; Washington Univ., 1907-9; Univ. Wis., 1909-10.

Dunlap, Henry M., farmer and fruit-grower, Savoy, Ill.

State Senator, Ill., 1892-1912, 1916-24. Pres. Ill. Orchard Co. Del. to Ill. Constitutional Convention, 1920. In chg. hort. exhibits at Paris Expos. for U. S. Dept. Agr., 1900. Sec. Ill. State Hort. Soc., 1893-7, pres., 1897-1902. —*b.* Cook Co., Ill., Nov. 14, 1853; *s.* Matthias L. and Emeline (Pierce) D.; reared on farm; *m.* Nora C. Burt, July 5, 1877. B.S., Univ. Ill., 1894.

Dunlap, Renick William, farmer, Kingston, O.

State senator, O.; dairy and food comnr.; sec. State Bd. Agr.; appointed asst. sec. agr., Apr. 1, 1925. (Livestock). —*b.* Pickaway Co., O., Oct. 21, 1872; *s.* Nelson J. and Elizabeth J. (Bell) D.; farmer; *m.* Maxine Ethel Cummins, June 9, 1897; *c.* Nelson H., Mary Maxine. B.S.A., Ohio State Univ., 1895. Kappa Sigma.

Dunlap, Robert Bruce, co. agrl. agt., Hollidaysburg, Pa.

Agt. Blair County, Pa., 1912-. —*b.* Walnut Bottom, Pa., Aug. 22, 1890; *s.* W. S. and Margaret (McCullough) D.; reared on farm; *m.* Mildred Ride, Oct. 7, 1915. B.S., Penn. State Coll., 1912; M.S., Cornell Univ., 1924. Alpha Gamma Rho; Phi Kappa Phi.

Dunlavy, Henry Ellis, cotton-breeder, Robstown, Tex.

In chg. seed lab., Okla. Agr. Exp. Sta., 1918-9; cotton breeder, Nunn Pedigree Farms, Porter, Okla., 1918; seed specialist, emergency war work, Okla. A. & M. Coll., 1919; instr. voc. educ., 1919-20; cotton breeder, Watson Seed Farm, Waxahachie, Tex., 1920-2. —*b.* Bushnell, Ill., Mar. 2, 1897; *s.* G. W. and Amanda E. (Pickens) D.; reared on farm and in town; *m.* Imogene Pearson, June 6, 1923. B.S., Okla. A. & M. Coll., 1919. Sigma Phi Epsilon; Alpha Zeta.

Dunleavy, Henry Jay, teach. agr., Tourtellotte Mem. High-sch., Thompson, Conn.

Sec. to manag. B. and B. Rubber Co., 1916-7; present position, 1923-. Served in U. S. Army, 1917-9. —*b.* Hawaii, June 26, 1895; *s.* Frank J. and Martha (Mitchell) D.; reared on plantation; *m.* Mabelle M. Hobbs, June 15, 1922; *c.* Gareth Winthrop. Grad. N. S. Agr. Coll., 1915; B.S., Conn. Agr. Coll., 1923.

Dunn, Benjamin Franklin, dir. agr. and jr. project work, high-sch., Rochester, Minn.

Present position, 1922-. Sergeant Minn. Field Art., Mex. Border Serv., 1916-7; Supply Sergeant, Rainbow Div., A. E. F., 1917-9. —*b.* Albion, Minn., Dec. 4, 1893; *s* Sylvester N. and Christina (Gaskill) D.; reared on farm; *m.* Alta Francis, June 13, 1923. B.S.A., Univ. Minn., 1921. Phi Delta Kappa.

Dunn, John J., sec. State Bd. Agr., Providence, R. I.

General farmer, Westerly, R. I. Sec. State Conservation Comn. —*b.* Westerly, R. I., Apr. 6, 1884; *s.* John and Maria (Dewyer) D.; reared on farm; *m.* Helena I. Sweeney, Sept. 14, 1910; *c.* John M., Mary, Helena I., Katherine.

Dunn, Leslie Clarence, geneticist, Conn. Agr. Exp. Sta., Storrs, Conn.

Asst. zool., Harvard Univ., 1915-9; present position, 1920-. Fellow A.A.A.S. 1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Buffalo, N. Y., Nov. 2, 1893; *s.* Clarence L. and Mary (Booth) D.; reared in city; *m.* Louise Porter, May 2, 1918; *c.* Robt. Leslie. B.S., Dartmouth Coll., 1915; M.S., Harvard Univ., 1917; Sc.D., 1920. Phi Beta Kappa.

Dunn, Merrel Raymond, instr. voc. agr., high-sch., Kirksville, Mo.

Co. agrl. agt. and instr. voc. agr., Adair Co., Mo., 6 yrs.; head food and dairy dept., Kansas City, 2 yrs. 1st Lieut. Field Art., U. S. Army, 1917-8. (An. husb.). —*b.* S. D., Oct. 21, 1896; *s.* L. H. D.; reared on farm and in town; *m.* Wilma Wheeler, Dec. 31, 1917; *c.* Merrel Russell, Jane Ann. B.S., Univ. Mo. Alpha Gamma Rho.

Dunnigan, Leonore A., field ed. The Farmer's Wife, Webb Pub. Co., St. Paul, Minn.

Instr. home econ., Iowa City, Ia., 1917; instr. food chem., Ia. State Coll., 1918-20; present position, 1921-. —*b.* Emmetsburg, Ia., Jan. 15, 1894; *d.* James and Mary Anne (Keegan) D.; reared in country. B.S., Ia. State Coll., 1916. Delta Delta Delta; Iota Sigma Pi.

Dunwiddie, Leon F., teach. voc. agr., high-sch., Milton, Wis.

b. Chicago, Ill., Apr. 5, 1893; *s.* I. F. and Maude E. (Rockwood) D.; reared on farm. B.S.A., Univ. Wis., 1922.

DuPuis, John Gordon, physician and surg. and farmer, Lemon City, Fla.

Grower citrus fruits, Lemon City, 16 yrs.; owner White Belt Dairy Farms. Chm. Stock Growers Assoc. of S. E. Fla.; dir. Agrl. Assoc. of S. E. Fla.; dir. Dade Co. Agrl. Fair Assoc. Chm. board of trustees, Lemon City public sch., 1905-12; Dade Co. Agrl. Sch., 1912-. —*b.* Fla., Sept. 22, 1875; *s.* John Samuel and Mary Sidney (Lohman) D.; reared on farm; *m.* Katherine Elizabeth Beyer, Jan. 18, 1899; *c.* John G. Jr. M.D., Univ. Ky., 1898.

Durand, Edward Dana, chief div. statistical res., Bur. Foreign and Domestic Commerce, Dept. Commerce, Washington, D. C.

Legislative librarian, N. Y. State Library, 1895-7; asst. prof. adminis. and finance, Leland Stanford Univ., 1898-9; sec. U. S. Ind. Comn., 1900-2; instr. econ., Harvard Univ., 1902; special expert agt., U. S. Census Off., 1902; special examiner, Bur. of Corporations, 1903-7; deputy comnr. of corporations, 1907-9; dir. U. S. Census, 1909-13; prof. econ. and statistics, Univ. Minn., 1913-7; with U. S. Food Admins., 1917-9; adviser to Polish Ministry of Food, 1919-21; chief Eastern European Div. U. S. Bur. For. and Dom. Commerce, 1921-4; present position, 1924-. *Auth.*: Finances of New York City, 1898; The Trust Problem, 1915.—*b.* Romeo, Mich., Oct. 18, 1871; *s.* Cyrus Y. and Celia (Day) D.; *m.* Mary Elizabeth Bennett, July 15, 1903; *c.* Dana Bennett, Bennett, Mary C., Eric. A.B., Oberlin Coll., 1893; Ph.D., Cornell Univ., 1896.

Durdle, Earl Chester, co. agrl. agt., S. Bend, Wash.

Teach. high-sch., Enumclaw, Wash., 1911-6; princ., 1916-8; agrl. agt. Stevens Co., 1918-9; teach. voc. agr., high-sch., Colville, 1919-22; agrl. agt. Pacific Co., 1922-. Treas. and mem. exec. com. Stevens Co. Livestock Assoc. —*b.* Bradley, S. D., Feb. 18, 1887; *s.* John Thos. and Sarah E. (VanNatter) D.; reared on farm; *m.* Effie Duncan, June 21, 1908; *c.* Chester D., Esther Bernadine, Richard Van Natter, Francis LeRoy. B.S., Wash. State Coll., 1911. Alpha Zeta.

Durrell, Lawrence Wood, prof. bot. and chief bot. sect. Exp. Sta., Colo. Agr. Coll., Ft. Collins, Colo.

Fellow bot., Ia. State Coll., 1916; instr. plant path., 1917-20; path., Mo. Fruit Exp. Sta., 1920-1; asst. path., Ia. Agr. Exp. Sta., 1921-4; present position, 1924-. *Assoc. ed.*, Phytopathology. (Plant path.). —*b.* Lincoln, Neb., Feb. 16, 1888; *s.* W. G. and Bellita (Stubenrauch) D.; reared in town; *m.* Nana E. Kenoyer, 1917; *c.* Dorothy F., Mary E. B.S., Ohio State Univ., 1914; M.S., Ia. State Coll., 1917; Ph.D., 1923. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi; Alpha Gamma Rho.

Durst, Charles Elmer, manag. ed., American Fruit Grower Magazine, Chicago, Ill.

Asst., assoc. and asst. prof. olericulture, Univ. Ill., 1909-18; agrl. agt. Union Co., 1918-20; Cook Co., 1920-1. Chm. Food Production and Conservation Com. for Union Co., State Council Defense. Dir. fruit and veg. marketing, Ill. Agrl. Assoc., 1921-3; sec. and mem. Nat. Fruit Com., Amer. Farm Bur. Fed.; sec. and mem. exec. com. Federated Fruit and Vegetable Growers, Inc., 1923; asst. sec. Amer. Soc. for Hort. Sci. (Olericulture, fruit-growing, genetics). —*b.* Knox City, Mo., May 3, 1884; *s.* H. and Carrie (Layman) D.; reared on farm; *m.* Bertie Good, Sept. 4, 1912; *c.* Chas. Wm., Ruth Josephine, Robt. Eugene. B.S., Univ. Ill., 1909; M.S., 1912; Ph.D., 1924.

Dusham, Edward Henry, prof. ent., Penn. State Coll., State College, Pa.

Asst. zool. and physiol., Ia. State Coll., 1910-2; instr. zool. and ent., Penn. State Coll., 1913-5; asst. prof., 1915-6; asst. biol., Cornell Univ., 1916-7; instr. nat. hist., 1917-8; present position, 1918-. —*b.* Amesbury, Mass., Sept. 1, 1887; *s.* Peter and Catherine (Murphy) D.; reared in town; *m.* Marie E. Atkinson, 1912. B.A., Dartmouth Coll., 1910; M.S., Penn. State Coll., 1915; Ph.D., Cornell Univ., 1924. Sigma Xi; Sigma Phi Epsilon.

Dustman, George A., co. agrl. agt., Wooster, O.

Agrl. agt. Lawrence Co., O., 1920-4; Wayne Co., 1924-. Served in U. S. Naval Reserve Force, 1918-20. —*b.* Mahoning Co., O., Nov. 30, 1898; *s.* Geo. S. and Christina (Barclay) D.; reared on farm. B.S.A., Ohio State Univ., 1920.

Dustman, Robert Barclay, asst. prof. chem., W. Va. Univ., Morgantown, W. Va.

Instr. agr. and chem., high-sch., Shinnston, W. Va., 1915-6; ext. agron., W. Va. Univ., 1916-9; asst. prof. soils, Ohio State Univ., 1919-22; present position, 1924-. *Joint auth.:* Timely Soil Topics, 1919.—*b.* near Youngstown, O., Jan. 9, 1892; *s.* Geo. S. and Christina (Barclay) D.; reared on farm; *m.* Gay Zinn, July 27, 1917; *c.* Robt. B. Jr., Mary Jean. B.S.A., Ohio State Univ., 1915; M.S., Univ. Chicago, 1923; Ph.D., 1924.

Dutcher, Raymond Adams, head dept. agrl. and biol. chem., Penn. State Coll., State College, Pa.

Instr. and asst. chem., S. D. State Coll., 1907-10; asst. chem., Univ. Mo., 1910-2; asst. chem., Univ. Ill., 1912-3; instr. and asst. prof. agrl. chem., Ore. Agr. Coll., 1913-7; assoc. prof. agrl. biochem. and in chg. sect. an. nutr., Univ. Minn., 1917-21; present position, 1921-. (An. nutr.). —*b.* Raymond, S. D., Mar. 28, 1886; *s.* Paul and Susie M. (Adams) D.; reared in small town; *m.* Mary M. Wright, Sept. 14, 1912; *c.* Adams Wright. B.S., S. D. State Coll., 1907; M.S., 1910; A.M., Univ. Mo., 1912. Sigma Xi; Gamma Sigma Delta; Alpha Chi Sigma; Phi Lambda Upsilon; Acacia; Theta Upsilon Omega.

Dutton, George Clayton, supt. Richmond Coop. Creamery, Richmond, Vt.

Instr. cheese-making, Cornell Univ. winter-course, 1909-19; cheese instr., N. Y. State Dept. Agr., 8½ yrs.; dairy mfg. specialist, U. S. Dept. Agr. (Dairy manufacturing). —*b.* De Ruyter, N. Y., Jan. 25, 1875; *s.* Harmon C. and Dora (Burgess) D.; reared in country; *m.* Ethel P. Reynolds, Oct. 4, 1899; *c.* Audley R., Harmon C., Geo. C. Jr.

Dutton, Walter Curtis, res. assoc. in hort., Mich. Agr. Exp. Sta., E. Lansing, Mich.

Fruit-grower and farmer, Hockingport, O., 1912-3; asst. hort., Mich. Agr. Exp. Sta., 1913-20; res. assoc., 1920-. (Spraying and dusting of fruits). —*b.* Hockingport, O., July 27, 1889; *s.* Edwin A. and Lethe R. (Curtis) D.; reared on farm; *m.* Marie England, Oct. 15, 1913; *c.* Chas. Edwin, Nancy Bartlett. B.S.A., Ohio State Univ., 1912. Delta Theta Sigma.

Duval, Laurel, in chg. depts. grain weighing and insp., N. Y. Produce Exchange, 2 Broadway, New York, N. Y.

Grain merchant, 1907; sci. asst. grain standardization, U. S. Dept. Agr., 1908-13 and in chg. U. S. Grain Standardization Lab., Baltimore; chg. grain standardization, Ministerio de Agricultura, Buenos Aires, Argentina, 1914-5; grain superv., U. S. Dept. Agr., in chg. distr. office, Philadelphia, 1916-7; New York, 1918-9; grain superv. for Atlantic Seaboard distrs., 1919-22; present position, 1922-. —*b.* Wapakoneta, O., Mar. 31, 1887; *s.* August and Amanda (Myers) D.; reared on farm; *m.* Mary Fombelle, Dec. 26, 1908; *c.* Querida. Student Univ. Wooster, 3 yrs.

Duvel, Joseph William Tell, grain exchange superv., in chg. Chicago Off., Grain Futures Adminis., U. S. Dept. Agr., 717 Postal Telegraph Bldg., Chicago, Ill.

Asst. bot., Ohio Exp. Sta., 1898-9; sci. asst., Seed Lab., U. S. Dept. Agr.,

1902-7; crop tech. in chg. grain standardization invests., U. S. Dept. Agr., 1907-18; traveled in Australian grain belt, 1918; U. S. Food Adminis. Grain Corporation, New York, 1918-20; grain business, Winnipeg, Man., 1920-1; present position, 1922-. Fellow A. A. A. S. —*b.* Wapakoneta, O., Nov. 16, 1873; *s.* August and Amanda (Myers) D.; reared on farm; *m.* Elva Smith, May 11, 1904; *c.* Maxine, Wm. August. B.Sc., Ohio State Univ., 1897; D.Sc., Univ. Mich., 1902. Kappa Sigma.

Dvoracek, Daniel Clayton, co. agrl. agt., Bemidji, Minn.

Instr. agr., high-sch., Montgomery, Minn., 1913-8; agrl. agt. Douglas Co., 1918-9; instr. agr., high-sch., Dassel, 1919-20; agrl. agt., Beltrami Co., 1920-. (Live-stock). —*b.* Glencoe, Minn., Aug. 29, 1887; *s.* Anton and Catherine (Danek) D.; reared on farm; *m.* Ella M. Stansfield; *c.* Francis Anton, Catherine Helen, Marion Elizabeth. B.S., Univ. Minn., 1913.

Dvorachek, Henry Edmund, prof. an. husb. and dairying, Univ. Ark., Fayetteville, Ark.

Instr. an. husb., Colo. Agr. Coll., 1910-1; manag. Holland Dairy, Colorado Springs, 1911-2; asst. prof. an. husb., Colo. Agr. Coll., 1912-3; assoc. prof., 1913-4; present position, 1915-. Sec.-treas. Colo. Live-Stock Breeders Assoc., 1914-5; N. W. Ark. Dairymens Assoc., 1918-20; N. W. Ark. Sheep and Goat Growers Assoc., 1918. Breeder Guernsey cattle. —*b.* Glencoe, Minn., July 27, 1885; *s.* Anton and Katherine (Danek) D.; reared on farm; *m.* Clara Schultz, June 10, 1911; *c.* Wm. Henry, Harold Edmund, Mae Ellen. B.S.A., Univ. Minn., 1910. Alpha Zeta.

Dwinell, Harold Albert, co. agrl. agt., Batavia, N. Y.

Asst. emergency dem. agt., Franklin and Chittenden Cos., Vt., 1918; agrl. agt. Orange Co., 1919-23; agrl. agt. Genesee Co., N. Y., 1923-. —*b.* E. Calais, Vt., Nov. 6, 1893; *s.* Dell Burton and Olive Hannah (Pierce) D.; reared on farm; *m.* Ruth Louise Bond, Aug. 1, 1922. B.S.A., Univ. Vt., 1919. Kappa Sigma.

Dwyer, Edward Eugene, teach. voc. agr., high-sch., Mahopac, N. Y.

Served in Inf., U. S. Army, World War. —*b.* Fabius, N. Y., Feb. 12, 1896; *s.* Dennis and Johanna (Heffernan) D.; reared on farm; *m.* Lora Haard, Aug. 16, 1923. Grad. Cortland State Normal Sch.; student Cornell Univ.

Dyar, Walter Salem, instr. voc. agr., Metamora Township High-Sch., Metamora, Ill.

b. Low Point, Ill.; *s.* W. E. and Christena (Salem) D.; reared on farm; *m.* Emily May Robinson, July 12, 1923; *c.* Doris May. B.S., Univ. Ill., 1921. Kappa Sigma Phi.

Dyer, Cyrus Leavitt, teach. chem. and agr., John E. Brown Coll., Siloam Springs, Ark.

Sci. asst. hort. and pom. invests., Bur. Plant Ind., Riverside, Calif., 1914-9. Fruit grower, Stilwell, Okla. (Improvement of deciduous fruits through bud-selection, especially apples). —*b.* Elm Springs, Ark., Jan. 23, 1892; *s.* Wm. Howard and Laura (Leavitt) D.; reared in town and on farm; *m.* Anne Elizabeth Outler, Apr. 19, 1916; *c.* Cyrus L. Jr., Elizabeth Ann. B.S.A., Univ. Ark., 1914.

Dyer, Julian Mesa, co. agrl. agt., Marshall, Ark.

Asst. state hort., N. C. Dept. Agr., 1919-22; head dept. hort., Ark. Poly. Coll., Russellville, 1922-4; agrl. agt. Searcy Co., 1924-. Served in Inf., U. S. Army, 1918. (Hort.). —*b.* Prairie Grove, Ark., Mar. 17, 1894; *s.* Will Howard and Laura (Leavitt) D.; reared on farm; *m.* Gala Hope Brandon, June 4, 1919; *c.* Frances Margaret, Dorothy Leah. B.S.A., Univ. Ark., 1918.

Dyer, Walter Alden, author, Rock Walls Farm, Amherst, Mass.

On staff, Springfield Union, Mass., 1900-1; Criterion, N. Y., 1901; ed. Wall Paper News, N. Y., 1901-5; on staff, Country Life in America, 1905-6; manag. ed., 1906-14; assoc. ed., Amherst Graduates' Quarterly, 1916-8. *Auth.*: The Lure of the Antique, 1910; The

Richer Life, 1911; Pierrot, Dog of Belgium, 1915; Early American Craftsmen, 1915; Gulliver the Great, and Other Dog Stories, 1916; The Humble Annals of a Back Yard, 1916; Creators of Decorative Styles, 1917; The Five Babbits at Bonnyacres, 1917; Handbook of Furniture Styles, 1918; The Dogs of Boytown, 1918; With the Help of God and a Few Marines (with Brig.-Gen. A. W. Catlin), 1919; Ben, the Battle Horse, 1919; Sons of Liberty, 1920; Many Dogs There Be, 1924. —*b.* Roslindale, Mass., Oct. 10, 1878; *s.* Ebenezer Porter and Martha Augusta (Fearing) D.; *m.* Muriel Worthington Childs, June 1, 1907. A.B., Amherst Coll., 1900.

Dyer, Winthrop Kellogg, co. agrl. agt., Litchfield, Minn.

Agrl. dir., high-sch., Olivia, 3½ yrs.; co. agrl. agt., Olivia, Minn., 4½ yrs.; S. Minn. Joint Stock Land Bank, Redwood Falls, 1 yr. (Pork and livestock, club work). —*b.* Nevada, Ia., Oct. 14, 1889; *s.* Geo. W. and Martha A. (Kellogg) D.; reared on farm; *m.* Bessie M. Chambers, Nov. 25, 1915; *c.* Jane Barbara, Winthrop Geo., Edith Martha. B.S., Ia. State Coll., 1912. Phi Gamma Delta.

Dykstra, Ralph R., dean, div. vet. med. and prof. vet. surg., Kans. State Agr. Coll., Manhattan, Kans.

Asst. prof. anatomy, obstetrics and clinics, Ia. State Coll., 1905-7; assoc. prof. 1907-9; prof., 1909-11; vet. insp., U. S. Bur. An. Ind., summer 1911; asst. prof. vet. med., Kans. State Agr. Coll., 1911-3; prof. surg., 1913-; dean vet. med., 1919-. Pres. Kans. Vet Med. Assoc., 1917-8. *Auth.:* (with F. S. Schoenleber) Castration of Domesticated Animals, 1914. —*b.* Groningen, Netherlands, Sept. 24, 1879 (immigrated 1881); *s.* Jan and Geertje (Smilde) D.; reared in town; *m.* Cecelia Welch, Oct. 12, 1910. D.V.M., Ia. State Coll., 1905. Phi Kappa Phi; Alpha Psi; Gamma Sigma Delta.

Dynes, Oliver Wesley, assoc. prof. agron., Univ. Tenn., Knoxville, Tenn.

Instr. agr., N. D. Agr. Coll., 1907-10; assoc. prof. agron., 1911-4; instr. farm crops, Cornell Univ., 1914-20; present position, 1920-. Poultry ed. Farm, Stock and Home, 1912-4. —*b.* Hornings Mills, Ont., Mar. 10, 1881 (naturalized 1904); *s.* Thos. and Ruth (Levins) R.; reared on farm; *m.* Carlotta L. Rowe, Sept. 5, 1917; *c.* Velma Ruth, Russell Rowe. B.S., N. D. Agr. Coll., 1907; M.S.A., Cornell Univ., 1912. Sigma Xi; Phi Kappa Phi; Alpha Zeta.

Dynes, Roy Charles, co. agrl. agt., Wahpeton, N. D.

Asst. farm manag., N. D. Agr. Coll., 1914-7; present position, 1917-. —*b.* Summerberry, Alta., May 21, 1889 (naturalized 1914); *s.* Thos. and Ruth (Levins) D.; reared on farm; *m.* Alice Louise Poland, May 26, 1917; *c.* Chas. Everett, Robt. Poland. B.S.A., N. D. Agr. Coll., 1914. Alpha Zeta.

Dyson, Doyte Starr, instr. voc. agr., high-sch., W. Lebanon, Ind.

Farmer, Jonesboro, Ind., 1922-3. —*b.* Fairmount, Ind., May 7, 1899; *s.* Hude and Daisy (Starr) D.; reared on farm. B.S.A., Purdue Univ., 1922. Lambda Chi Alpha.

E

Earle, Franklin Sumner, sugar-cane technologist, Trop. Plant Res. Foundation, Herradura, Cuba.

With Miss. Exp. Sta., 1894-5; asst. path. in chg. mycological herbarium, U. S. Dept. Agr., 1895-6; hort., Ala. Exp. Sta., 1896; prof. biol., Ala. Poly. Inst., 1896-1901; asst. curator in chg. mycological collections, N. Y. Bot. Gard.; sent by N. Y. Bot. Gard. and U. S. Dept. Agr. to Cuba, Porto Rico, and Jamaica, 1903; dir. Estacion Central Agronomica of Cuba, 1904-6; consulting agrst., Cuban-Amer. Sugar Co., 1908-11; pres. Cuba Fruit Exchange, 1911-4; specialist in cane culture, U. S. Dept. Agr., Porto Rico, 1918-9; sugar-cane technologist, Insular Sta., Porto Rico, 1919-21; consulting agrst., Central Aguine, Porto Rico, 1922-3; consulting agrst., General Sugar Co., Cuba, 1923-4; present position, 1924-. Fellow A.A.A.S. Pres. Bot. Soc. of Amer., 1906-7. *Auth.:* Southern Agriculture, 1907.—*b.* Dwight, Ill., Sept. 4, 1856;

s. Parker and Melanie (Tracy) E.; *m.* Susan B. Shekan, 1886; 2d, Esther J. Shekan, 1896. Studied Univ. Ill.; M.S., Ala. Poly. Inst., 1902.

Earp, Edwin Lee, prof. sociol., Drew Theol. Sem., Madison, N. J.

Ordained M. E. ministry, 1900; pastor, Newark and Plainfield, N. J., 1900-4; head dept. sociol., Syracuse Univ., 1904-9; present position, 1909-. Mem. Comn. on Church and Country Life of Fed. Council of Churches of Christ in Amer. Del. to Intern. Congress of Hygiene and Demography, Washington, D. C. Lect. rural sociol., Farmers Week, Cornell Univ., Rutgers Coll.; Sch. for Rural Leadership, Cornell Univ. Studied in Europe, 1898-1900, 1901. *Auth.*: Social Aspects of Religious Institutions, 1908; The Social Engineer, 1911; The Rural Church Movement, 1914; A Community Study or The Religious Social Survey, 1917; The Rural Church Serving the Community, 1918; Rural Social Organization, 1921; Biblical Backgrounds for Our Rural Message, 1922. —*b.* Illchester, Md., Oct. 26, 1867; *s.* Israel S. and Rachel Melcena (Barnette) E.; reared on farm; *m.* Lina Gibb Pearsall, May 1, 1901; *c.* Ruth, Jas. A.B., Dickinson Coll., 1898; A.M., N. Y. Univ., 1897; B.D., Drew Theol. Sem., 1898; Ph.D., Leipzig, 1901; awarded Delaplaine McDaniel fellowship. Drew Theol. Sem., 1898. Phi Beta Kappa; Phi Delta Theta.

Eason, Norman H., co. agrl. agt., Owego, N. Y.

On N. Y. State Blister Rust Comn., 1923.—*b.* Richfield, N. Y., July 17, 1900; *s.* Stewart B. and Myrta B. (Loomis) E.; reared on farm. B.S., Cornell Univ., 1923. Alpha Gamma Rho.

Eason, Thomas Dotterer, asst. state superv. agrl. educ., State Bd. Educ., Richmond, Va.

Asst. agrl. bot., N. C. State Coll., 1907-8; prof. nat. sci., Lincoln Memorial Univ., Tenn., 1908-9; head sci. dept., State Univ. Sch., Okla., 1909-11; head dept. agr. and biol., State Normal Sch., Farmville, Va., 1911-8; state superv. agrl. educ., Va., 1918-23; asst., 1923-. Fed. state dir., U. S. Boys' Working Reserve in Va. (Agrl. educ., biol.). —*b.* Abbeville, S. C., Sept. 12, 1887; *s.* Jas. Monroe and Marie Caroline (Gary) E.; reared in city and on farm; *m.* Carrie Christian Rennie, Apr. 24, 1915; *c.* Thos. D. Jr., Marie Gary, Caroline Rennie, Julia Christian. B.S., Clemson Agr. Coll., 1907; grad. student N. C. State Coll., Univ. Vt., Teachers' Coll., Columbia Univ., Cornell Univ.

Eastman, Edward R., ed. American Agriculturist, 461 Fourth Ave., New York, N. Y.

Vice-princ. high-sch., Newark Valley, N. Y., 2 yrs.; princ. high-sch., Interlaken, 5 yrs.; agrl. agt., Delaware Co., 1916-7; asst. state dir. co. agts., Cornell Univ., 1917-8; ed. Dairymens League News, 1918-22; present position, 1922-. —*b.* Berkshire, N. Y., Sept. 29, 1885; *s.* Chas. R. and Elizabeth (Roe) E.; reared on farm; *m.* Belle V. Rockefeller, 1906; *c.* Donald D., Geo. R., John R. Special student, Cornell Univ.

Eastman, Eric Eyre, sec. and manag Tomahawk Ranch, Kelton, Ariz.

Instr. soils, Ia. State Coll., 1913-5; asst. prof., 1915-7; assoc. prof., 1917-22. Chm. live-stock exhibit, Cochise Co. Fair, 1924. —*b.* Denver, Colo., Feb. 27, 1890; *s.* Clyde J. and Florence (Rose) E.; reared in suburbs; *m.* Amalia Schloesser, 1910; *c.* Eric Earl, Alfred Clyde, Florence Rose, Robt. Harold. B.S., Ia. State Coll., 1913; M.S., 1915; student Utah Agr. Coll., 1919-20. Phi Kappa Phi; Gamma Sigma Delta; Phi Kappa Psi; Alpha Zeta.

Eastman, Jasper F., farmer, Nuggett Hill Farm, Charlton, Mass.

Asst. agr., N. H. Exp. Sta., 1907-9; agrst., N. Y. State Sch. Agr., Morrisville, 1910-6; formerly agt. Broome Co. *Auth.*: Soils Laboratory Manual, 1915. —*b.* Townsend, Mass., Mar. 17, 1887; *s.* Geo. L. and Emily M. (Wheeler) E.; reared on farm; *m.* Mildred A. Churton, Aug. 22, 1912; *c.* Janet Roper. B.S., Mass. Agr. Coll., 1907; M.S., Univ. Ill., 1910. Phi Kappa Phi.

Eastman, Moses Gale, asst. prof. agron., Univ. N. H., Durham, N. H.

Agrl. agt., Sullivan Co., N. H., 1913-4; asst. comnr. agr., 1914-5; farm supt., J. A. Tracy Farm, New London, 1916-8; present position, 1918-. (Farm manag.). —*b.* Sanbornton, N. H., Sept. 13, 1886; *s.* Geo. P. and Laurenia A. (Gale) E.; reared on farm; *m.* Josephine B. Currier, June, 1916; *c.* Laurenia Annie, David Gale. B.S., N. H. Coll., 1913; M.S., Cornell Univ., 1916. Alpha Tau Omega; Alpha Zeta; Phi Kappa Phi.

Eastman, William R., farmer, Floyd, Ia.

Asst. bot. and veg. path., Md. Agr. Coll., 1907; prof. hort. and for., Winona Coll. Agr., Winona Lake, Ind., 1908-11; agrl. agt. Hampshire Co., W. Va., 1917-20; Pulaski Co., Ill., 1920-3. Farmer, O., 2 yrs., Mich., 3 yrs. —*b.* Nashua, Ia., Dec. 27, 1881; *s.* Wm. A. and Hattie A. (Powers) E.; reared on farm; *m.* Edith Cross, Feb. 24, 1915; *c.* Harold D. B.S.A., Ia. State Coll., 1906.

Eastwood, George R., distr. co. agt. leader for S. W. Ohio, Ohio State Univ., Columbus, O.

With Ky. Exp. Sta., June-Sept. 1910; O. Exp. Sta., 1910-5; agrl. agt. Miami Co., O., 1915-8; present position, 1918-. —*b.* Madisonville, Ky., Oct. 3, 1885; *s.* Chas. S. and Mary Elizabeth (Rust) E.; reared on farm; *m.* Ruby Mulby, Feb. 11, 1922; *c.* Betty, Chas. R. B.S.A., Univ. Ky., 1910.

Eaton, Theodore Hildreth, prof. rural educ., Cornell Univ., Ithaca, N. Y.

Operator dairy and market-garden farm, W. Bridgewater, Mass., 1901-6; princ. and teach. agr., Gilmanton Acad., 1906-9; poultry farmer, Gilmanton, N. H., 1908-12; instr., Cornell Univ., 1912-3; instr. agrl. educ., Cent. State Normal, Mich., 1913-4; instr. agr., Columbia Univ., 1915-6; instr. rural educ., Teachers Coll., Columbia Univ., 1915-6; prof. agrl. educ., Conn. Agr. Coll., 1916-20; present position, 1920-; state superv. agr. in secondary schs., 1918-20. *Auth.*: Organization and Method in Agriculture in Secondary Schools, 1917; Vocational Education in Rural Schools of New York, 1922; Vocational Education in Farming Occupations, 1923. —*b.* St. Louis, Mo., May 23, 1877; *s.* Lucien and Hannah O. (Noyes) E.; reared in city and on farm; *m.* Theodora West, June 13, 1901; *c.* Theodore H. Jr., Julia. A.B., Harvard Univ., 1900; A.M., Columbia Univ., 1915; Ph.D., 1917. Phi Delta Kappa.

Ebbinghaus, Hubert Theron, teach. voc. agr., high-sch., Bruceville, Ind.

b. Roann, Ind., Feb. 13, 1895; *s.* Wm. H. and Roxie (Flora) E.; reared on farm; *m.* Le Oata F. Morehouse, Sept. 3, 1921. B.S.A., Purdue Univ., 1919.

Ebel, Dorothy, ed. Gardeners Chronicle, 286 Fifth Ave., New York, N. Y.

Sec. to ed. Gardeners Chronicle, M. C. Ebel, 1919-24; ed., 1924-. Sec. Nat. Assoc. of Gardeners. —*b.* Brooklyn, N. Y., Nov. 7, 1900; *d.* Martin C. and Amelia (Meyers) E.; reared in city.

Ebersol, Elmer Tryon, lect. agrl. ext. dept., International Harvester Co., Ottawa, Ill.

Teach. Ill. high-schs., 10 yrs.; asst. chem., Univ. Ill., 1912; instr. crop production, 1913-6; chg. agrl. ext. serv., Sears Roebuck & Co., 1916-7; co. agrl. agt., Lincoln, Ill., 1918-22. —*b.* Ottawa, Ill., May 27, 1867; *s.* J. E. C. and Maria W. (Tryon) E.; reared on farm; *m.* Virtue Grace Dille, Aug. 2, 1899; *c.* Elmer T. Jr. A.B., Univ. Ill., 1902; M.S., 1915; B.Agr., 1916.

Eby, Harvey L., assoc. prof. rural educ., Univ. Calif., Southern Branch, Los Angeles, Calif.

Supt. public schs., Bellevue, Ky., 1906-9; Alliance, O., 1910-3; field agt. and ext. teach., Kent State Normal Coll., Kent, O., 1913-5; dept. rural schs., 1915-6; prof. rural educ., Univ. Wyo., 1916-9; teach. fellow in rural educ., Univ. Calif., 1919-22; present position, 1922-. —*b.* Creston, O., Oct. 4, 1874; *s.* Tobias S. and Susannah (Leatherman) E.; reared on farm; *m.* Anna Marie Brawley, July 27, 1910; *c.* Constance Marie. B.A., Yale Univ., 1910; M.A., Univ. Calif., 1921; Ph.D., 1923. Phi Delta Kappa.

Eckert, John Edward, assoc. prof. zool. and ent., N. C. State Coll., Raleigh, N. C.

Apiary insp., O., 1917; state nursery insp., N. C., 1917-20; present position, 1921-. Sec.-treas. N. C. State Beekeepers Assoc., 1920-; mem. N. C. Acad. Sci. —*b.* Wooster, O., Jan. 1, 1895; *s.* Samuel E. and Martha (Mowery) E.; reared in city. B.S., Ohio State Univ., 1916; M.S., 1917. Sigma Xi; Alpha Gamma Rho.

Eckles, Clarence Henry, chief dairy husb. div., Univ. Minn., University Farm, St. Paul, Minn.

Asst. dairy bact., Ia. Exp. Sta., 1896-1901; prof. dairy husb., Univ. Mo., 1901-18; present position, 1918-. *Auth.:* Dairy Cattle and Milk Production, 1911; Dairy Farming, 1916 (with Warren). —*b.* Marshall Co., Ia., Apr. 14, 1875; *s.* Chas. and Elvira (Powers) E.; reared on farm; *m.* Alice L. Smith, Dec. 14, 1898; *c.* Doris L., Chas. E., Ruth A. B.S.A., Ia. State Coll., 1895; M.S., 1897; D.Sc., 1916; student Univ. Wis., 1897-8; Goettingen, Germany, 1904-5; Berne, Switzerland, 1905. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Eckley, Norman Oliver, teach. voc. agr., high-sch., Waterloo, Wis.

Mem. bd. dirs. Wis. Smith-Hughes Agrl. Instr. Assoc. (Poultry). —*b.* Amery, Wis., Jan. 22, 1896; *s.* Peter and Mary (Nelson) E.; reared in village; *m.* Edna Kopplin, June 15, 1922; *c.* Shirley. Grad. River Falls Normal, 1918.

Eckman, Otto Leo, dir. agrl. instr., Monterey Co. schs., Salinas, Calif.

Asst., Bur. Soils, U. S. Dept. Agr., 1904-7; supt. Hartman Stock Farm Dairy, Columbus, O., 1908-10; prof. an. husb., N. H. Coll., 1910-20; rancher, Kern Co., Calif., 1920-4; present position, 1924-. —*b.* Cincinnati, O., Aug. 14, 1880; *s.* Jacob and Bena (Schuster) E.; reared on farm and in city; *m.* Bertha Slack, June 13, 1905; *c.* Bertha Estella. B.S.A., Ohio State Univ., 1904.

Eddy, Clifford O., assoc. prof. ent. and assoc. ent. Exp. Sta., Clemson Agr. Coll., Clemson College, S. C.

Grad. asst., Ohio State Univ., 1920-1; instr. zool. and ent., N. C. State Coll., 1921-3; present position, 1923-. Mem. N. C. Acad. Sci. Served in U. S. Army, 1917-9. —*b.* Ellicottville, N. Y., Feb. 17, 1894; *s.* Otis H. and Carrie L. (Greene) E.; reared on farm. B.S., Ohio State Univ., 1920; M.S., 1923. Phi Delta Kappa.

Edgerton, Claude Wilbur, prof. bot., Univ. La., and plant path., Exp. Sta., Baton Rouge, La.

Asst. bot. dept., Cornell Univ., 1905-7; instr., 1907-8; plant path., La. Exp. Sta., 1908-; prof. bot., La. State Univ., 1924-. Vice-pres. Amer. Phytopath. Soc., 1918; pres., Southern Div., Amer. Phytopath. Soc., 1920. *Assoc. ed.,* Phytopathology. (Diseases southern field and truck crops). —*b.* Woodbine, Ia., Mar. 9, 1880; *s.* LeRoy A. and Mary Elizabeth (Luke) E.; reared on farm; *m.* Marion Evelyn Sweet, Sept. 20, 1905; *c.* Elda May, Allene, Wilbur LeRoy. B.S., Univ. Neb., 1903; Ph.D., Cornell Univ., 1908. Sigma Xi.

Edgington, Bruce H., an. path., Ohio Agr. Exp. Sta., Wooster, O.

Practising veterinarian; chief path., Ohio Dept. Agr.; state vet. of Ohio. Pres. O. State Vet. Med. Assoc. —*b.* Harrisburg, O., Feb. 27, 1885; *s.* Nelson T. and Louie D. (Ferguson) E.; reared in town; *m.* Coral Alkire, Sept. 7, 1910; *c.* Jane, Ruth. M.D.C., Chicago Vet. Coll., 1907; D.V.M., Ohio State Univ., 1912.

Edinger, Paul Lincoln, co. agrl. agt., Carlisle, Pa.

b. Berks Co., Pa., Feb. 9, 1891; *s.* Levi T. and Sallie (Raudenbush) E.; reared on farm. B.S., Penn. State Coll., 1917; M.S., 1924. Alpha Zeta.

Edler, George Christian, specialist in seed marketing, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Contributing ed. to Crops and Markets. Del. to Intern. Inst. of Agr., Rome, Italy. (Marketing grass and clover seed). —*b.* Chicago, Ill., Dec. 13, 1889; *s.* Fred Carl and Adele Louise (Groll) E.; reared in town. B.S.A., Univ. Ill., 1911. Alpha Zeta.

Edlund, Roscoe C., manag. dir. Hampden Co. Improvement League, 244 Main St., Springfield, Mass.

Sec. to Pres. Jacob Gould Schurman, Cornell Univ., 1909-12; asst. to general dir., Russell Sage Foundation, N. Y. City, 1912-4; asst. sec. Charity Organization Soc. of N. Y., 1914-5; asst. sec. Cleveland Welfare Fed., 1915-6; dir. Baltimore Alliance of Charitable Agencies and the Baltimore Fund, 1916-9; dir. personnel dept., Interchurch World Movement, 1919-20; present position, 1920-. Mem. exec. com., New England Agrl. Conf.; chm. com. on agr., New England district of Kiwanis Clubs. (Agrl. coop.). —*b.* Brooklyn, N. Y., July 30, 1886; *s.* Claudius and Emma A. (Anderson) E.; reared in city; *m.* Esther Alling Johnson, May 2, 1916; *c.* Harold Alling. A.B., Cornell Univ., 1909. Phi Beta Kappa; Delta Sigma Rho; Alpha Chi Rho.

Edmonds, John R., distr. agrl. agt., College Station, Tex.

Sch. teach., 10 yrs.; lawyer and farmer, 12 yrs.; co. agrl. agt., 4 yrs.; distr. agt., 1917-. —*b.* Va., Apr. 11, 1868; *s.* W. B. and Alice (Hill) E.; reared on farm and in city; *m.* Mar. 11, 1894; *c.* Rabh, May.

Edmundson, Wilbur Clifford, hort., Bur. Plant Ind., U. S. Dept. Agr., Greeley, Colo.

Deputy state hort. insp., Ida., 1911-4; instr. and asst. hort., Univ. Ida., 1914-7; asst. prof., 1917-8; present position, 1918-; supt. Colo. Potato Exp. Sta., 1919-. (Fruit-growing, potatoes). —*b.* Moscow, Ida., Jan. 31, 1888; *s.* T. S. and Emma (Rowley) E.; reared in town and on farm; *m.* Alta Taylor; *c.* Robt. B.S.A., Univ. Ida., 1911; M.S., 1914. Kappa Sigma.

Edson, Howard Austin, path. in chg. cotton, truck and forage crop disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bact., Univ. Vt., 1906-8; asst. prof., 1908-10; path., Bur. Plant Ind., 1910-; present position, 1924-. Traveled in Europe and Philippines. —*b.* Randolph, Vt., Aug. 14, 1875; *s.* Franklin Howard and Mary Eunice (Bell) E.; reared on farm; *m.* Lillian Sara Buck, June 21, 1906; *c.* Thelma Cecilia, Ralph Howard, Margaret May. B.S., Univ. Vt., 1906; M.S., 1910; Ph.D., Univ. Wis., 1913. Phi Beta Kappa; Sigma Xi; Phi Delta Theta.

Edwards, Francis Rees, head an. husb. dept., Ga. Agr. Exp. Sta., Experiment, Ga.

With U. S. Bur. Plant Ind. and Fla. State Plant Bd., 1916-7; live-stock comn. work, stock yards, Jacksonville, Fla., 1919; chg. soil survey, Upper St. John's Drainage Distr., 1919-20; prof. an. husb. and dairying, Univ. Porto Rico, 1921-3; teach. scholar an. husb., Ia. State Coll., 1923-4; present position, 1924-. —*b.* Ottawa, O., Mar. 31, 1897; *s.* Rees W. and Fanny Isham (Messenger) E.; reared in town. B.S.A., Univ. Fla., 1918; M.S., Ohio State Univ., 1921. Theta Chi; Phi Kappa Phi; Alpha Zeta.

Edwards, Frank Lawrence, supt. Watkinson Farm Sch., Hartford, Conn.

Farm operator, 1908-11; head agrl. dept., E. Me. Conference Sem., Bucksport, 1911-3; dir. voc. agr., Worthington, Chesterfield, Williamsburg, Mass., 1913-5; instr. agr., Petersham Agrl. High-Sch., Petersham, Mass., 1915-7; present position, 1917-. —*b.* Boston, Mass., May 13, 1885; *s.* Ambrose H. and Ida M. (Strom) E.; reared in city; *m.* Edith J. Rushton, Sept. 28, 1910. B.S., Mass. Agr. Coll., 1908; Boston Univ., 1908. Phi Sigma Kappa.

Edwards, Howard, pres. R. I. State Coll., Kingston, R. I.

Assoc. princ. Bethel Military Acad., Va., 1878-80; teach. Bingham Sch., N. C., 1880-2; princ. Bethel Acad., 1882-4; princ. acad., Tuscumbia, Ala., 1884-5; prof. English and modern languages, Univ. Ark., 1885-90; Mich. Agr. Coll., 1890-1906; present position, 1906-. —*b.* Fauquier Co., Va., Nov. 7, 1854; *s.* Francis Marion and Frances Lawson (Bland) E.; *m.* Elizabeth M. Smith, Jan. 5, 1881. M.A., Randolph-Macon Coll., 1876; studied Univ. Leipzig, 1877-8, the Sorbonne, Paris, 1891-2; LL.D., Univ. Ark., 1891, Brown Univ., 1914.

Edwards, Sidney A., co. agrl. agt., Middletown, Conn.

Agrl. agt., Meriden, Conn., 1918-9; commercial sec. Mahanoy City, Pa.,

1919. —*b.* E. Haddam, Conn., Mar. 30, 1896; *s.* Harry A. and Clara May (Ackley) E.; reared on farm; *m.* Bessie E. Carpenter, Sept. 27, 1919; *c.* Sidney A. Jr., Robt. Russell. B.S., Conn. Agr. Coll., 1918. Alpha Gamma Rho.

Edwards, Vivian Arthur, teach. voc. agr. and supt. high-sch., Yarmouth, Ia.

Teach. agr., high-sch., Pipestone, Minn., 1918-20; Huron, Ia., 1920-2; Yarmouth, 1922-. —*b.* Clarksville, Ia., Nov. 16, 1897; *s.* Narborough O. and Mary (Loomer) E.; reared on farm; *m.* Martha E. Walker, June 20, 1922; *c.* Chas. Osborne. B.S.A., Ia. State Coll., 1918. Gamma Sigma Delta; Tau Gamma Nu.

Edwards, William Edward Judson, assoc. prof. an. husb., Mich. State Coll., E. Lansing, Mich.

Agrl. agt. Essex Co., Ont., 1910-4; present position, 1914-. Sec.-treas. Mich. Shorthorn Breeders Assoc.; asst. sec. Mich. Improved Livestock Breeders and Feeders Assoc. (Swine). —*b.* Claremont, Ont., May 26, 1883 (naturalized 1924); *s.* Wm. and Jane (Pugh) E.; reared on farm; *m.* Lillian Millar, June 19, 1912; *c.* Harold. B.S.A., Toronto Univ., 1910.

Edwards, William Grimm, prof. for., Penn. State Coll., State College, Pa.

Instr. bot. and for., Penn. State Coll., 1915-7; asst. prof. for., 1919-20; assoc. prof., 1921-3; prof., 1923-. Private Engineers, U. S. Army, 1917-8; 2d Lieut., Engineers, France, 1918-9. —*b.* Beaver Falls, Pa., Mar. 13, 1888; *s.* John E. and Margaret E.; reared on farm; *m.* Carolyn Reed Buckhout, July 14, 1919. B.S., Geneva Coll., Beaver Falls, Pa., 1910; B.S., Penn. State Coll., 1914; M.S., 1915.

Ehrhorn, Edward Macfarlane, chief div. plant insp., Bd. Agr. and For., Honolulu, Hawaii.

Asst. ent. and deputy quarantine officer, State Bd. Hort., Calif., 1890-1; co. ent. and hort. comnr., Santa Clara Co., 1892-1909; 1st deputy state comnr. hort. and quarantine officer, Calif., 1904-9; supt. ent., Bd. Agr. and For., Hawaii, 1909-17; chief div. plant insp., 1917-. Collaborator Fed. Hort. Bd., Washington. Fellow A.A.A.S.— *b.* San Francisco, Calif., Jan. 24, 1862; *s.* Adolphus and Louisa Maria (Macfarlane) E. Educ. Hamburg, Germany, 1871-8; Grenchen, Switzerland, 1878-9; Brighton Coll., England, 1879-80; Leland Standford Univ., 1891.

Eichling, Henry Louis, distr. ext. agt., Ia. State Coll., Ames, Ia.

Chg. farm crops, soils, farm manag., in 2-yrs. course, Ia. State Coll., 1911-8; agrl. agt. Page Co., Ia., 1918-22. Sec. Ia. Corn and Small Grain Growers Assoc. —*b.* Paulding, O., Dec. 14, 1887; *s.* Henry L. and Sophia (Weidmann) E.; *m.* Louise Ahlbrecht. B.S.A., Ia. State Coll., 1911. Sigma Nu; Alpha Zeta.

Eikenberry, Amos R., teach. agr., Manchester Coll., N. Manchester, Ind.

Teach. agr., Mt. Morris Coll., 1917-8; present position, 1918-. —*b.* Ceno Gordo, Ill., Jan. 16, 1889; *s.* John and Mary (Clingenpeel) E.; reared on farm; *m.* Elizabeth Wagoner, May 2, 1910; *c.* Helen Marie, Dale Wilbur. A.B., Mt. Morris Coll.; A.M., Manchester Coll., 1919.

Ekblaw, Karl John Theodore, agrl. engin., Portland Cement Assoc., 111 W. Washington St., Chicago, Ill.

Asst. agrl. engin., Univ. Ill., 1909-11; instr., 1911-3; assoc., 1913-6; fellow, Sheffield Sci. Sch., 1916-7; prof. agrl. engin., Kans. State Agr. Coll., 1917-9; chief agrl. eng. dept., National Farm Power, 1919-22; ed., Power Farming Bur., 1922-3; present position, 1923-. *Auth.*: Farm Structures, 1913; Farm Concrete, 1917. Agrl. engin. ed., Capper Farm Press, Phelps Pub. Co. —*b.* Rantoul, Ill., July 14, 1884; *s.* Andrew and Ingrid (Johnson) E.; reared on farm; *m.* Alma Bertha Heuman, Aug. 14, 1913. B.S., Univ. Ill., 1909; M.S., 1913; M.E., Yale Univ., 1917. Gamma Alpha; Sigma Tau.

Elam, William Nile Jr., teach. voc. agr., high-sch., Taylor, Tex.

Teach. agr., high-sch., Austin, Tex., 1918; Granger-Bartlett, 1918-22; present position, 1923-. —*b.* Ireland, Tex.,

Jan. 27, 1890; *s.* Wm. Nile and Elizabeth Frances (Haman) E.; reared on farm; *m.* Hallie Mae Hedgpeth, 1917; *c.* Jas. Otis. B.A., Tex. A. & M. Coll., 1917.

Eldred, Arthur Rose, co. agrl. agt., Mays Landing, N. J.

Manag. Broad Acre Ranch, Terra Ceia, N. C., 1917; supt. Seabrook Co., Bridgeton, N. J., 1919-21; agt. Atlantic Co., N. J., 1921-. Served in U. S. Navy, 1918-9. Mem. Atlantic City Market Comn. —*b.* Brooklyn, N. Y., Aug. 16, 1895; *s.* Horace H. and Irene (Willard) E.; reared on farm. B.S., Cornell Univ., 1916. Alpha Zeta.

Eldredge, Ben. R., dairy specialist, Utah Agr. Coll., Salt Lake City, Utah.

Breeder Devon cattle, 1887-97; dairy farmer, 1900-15; present position, 1915-. —*b.* Salt Lake City, Utah, May 4, 1866; *s.* Horace S. and Chloe A. (Redfield) E.; reared in town and on farm; *m.* Lizzie Sharp, Aug. 18, 1887; *c.* Ben A., Jas. S. B.S.A., (hon.), Utah Agr. Coll., 1915.

Eldredge, John Crosby, asst. prof. farm crops, Ia. State Coll., Ames, Ia.

Agrl. ext., Ia. State Coll., 1915; agrl. agt. Emmet Co., 1916-9; in seed business, 1920; present position, 1921-. —*b.* Earlville, Ia., Apr. 21, 1886; *s.* Thos. M. and Elizabeth (Crosby) E.; reared on farm; *m.* Jane H. Thomas, Sept. 15, 1915; *c.* John C. Jr., Phillip M. B.S., Ia. State Coll., 1915; M.S., 1925. Alpha Gamma Rho; Alpha Zeta; Phi Kappa Phi.

Eldridge, Hubert Daniel, teach. voc. agr., high-sch., Gunnison, Colo.

Present position, 1922-; teach. agr., W. State Coll., Gunnison, summers 1922-. Served in Field Art., U. S. Army, 1917-9. —*b.* Atlantic, Ia., Apr. 8, 1896; *s.* Daniel Stephen and Maude Estell (Andrew) E.; reared in town; *m.* Laura Henrietta Johnson, Nov. 4, 1923; *c.* Jean Eileen. B.S., Colo. Agr. Coll., 1922. Alpha Tau Omega; Alpha Zeta; Pi Delta Epsilon.

Eleazer, James Malcolm, co. agrl. agt., Sumter, S. C.

Farm operator, 6 yrs.; insp. citrus canker eradication work, Bur. Plant Ind., U. S. Dept. Agr., 1916-7; agrl. agt. Jasper Co., S. C., 1917-8; Saluda Co., 1918-23; Sumter Co., 1923-. —*b.* Spring Hill, S. C., Dec. 19, 1895; *s.* H. G. and Mary C. (Welch) E.; reared on farm. B.S., Clemson Agr. Coll., 1916.

Eleazer, Louie Hans, teach. agr., high-sch., Belton, S. C.

Present position, 1922-. (Agron.). —*b.* Chapin, S. C., Mar. 13, 1897; *s.* Paul E. and Elizabeth (Fulmer) E.; reared on farm; *m.* Ruth Acker Williams, June 4, 1924. B.S., Clemson Agr. Coll., 1922.

Elias, Kope, co. agrl. agt., Charlotte, N. C.

Farmer, Bryson City, N. C., 17 yrs. —*b.* Franklin, N. C., Apr. 19, 1883; *s.* Kope and Timoxenia (Siler) E.; reared in town; *m.* Edna Kilgo, Aug. 1, 1907; *c.* Edna Kilgo. A.B., Trinity Coll., Durham, N. C., 1904; student Cornell Univ., 1904-5.

Ellenberger, Howard Bowman, prof. an. and dairy husb., Univ. Vt., Burlington, Vt.

Farm supt., Mo., 1905-13; instr. dairy husb., Cornell Univ., 1914-7; assoc. prof., Univ. Vt., 1917-8; prof., 1918-. *Auth.*: (with W. W. Fisk) Ice Cream Laboratory Guide. (Dairy manufactures). —*b.* Dallas, Ia., Nov. 15, 1882; *s.* Daniel P. and Julia (Yambert) E.; reared on farm; *m.* Margaret P. Flatt Mills, Dec. 29, 1910. B.S.A., Ia. State Coll., 1905; M.S.A., Cornell Univ., 1915; Ph.D., 1917.

Ellett, Walter Beal, prof. agrl. chem., Va. Poly. Inst., Blacksburg, Va.

Instr. chem., Va. Poly. Inst., 1896-1900; asst. chem., Va. Exp. Sta., 1904-8; chem., 1908-; present position, 1915-. —*b.* Montgomery Co., Va., Nov. 11, 1874; *s.* R. T. and S. (French) E.; reared in small town. B.S., Va. Poly. Inst., 1894; M.S., 1896; Ph.D., Goettingen Univ., Germany, 1904.

Elling, Carl George, specialist an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Asst. an. husb., Santiago de Las Vegas, Cuba, 1904-7; asst. an. husb., Kans. State Agr. Coll., 1907-8; chg. live-stock dept., Colonial Sugars Co., Cienfuegos, Cuba, 1909-11; farmer, Okla., 1912-3; distr. agrl. agt., Kans., 1914-7; present position, 1917-. —*b.* Monee, Ill., Feb. 23, 1881; reared on farm; *m.* Mary Mudge, Aug. 9, 1911; *c.* Carl Mudge, Roland Baker, John Wallace. B.S., Kans. State Agr. Coll., 1904.

Ellington, Elmer Verne, prof. and head dept. dairy husb., Wash. State Coll., Pullman, Wash.

Ext. specialist dairying, Univ. Ida. and U. S. Dept. Agr., 1910-1; assoc. prof., Univ. Ida., 1912-3; prof. dairy husb. and dairyman Exp. Sta., 1913-6; asst. chg. dairy ext., U. S. Dept. Agr., 1917-22; present position, 1922-. Pres. Ida. Dairymans Assoc., 1913-5; dir. Pacific Intern. Livestock Expos., Portland, Ore., 1913-7. —*b.* Peru, Mo., Feb. 8, 1888; *s.* Wm. P. and Mary (Steele) E.; reared on farm; *m.* Ruth Broman, Feb. 26, 1919. B.S., Univ. Mo., 1910. Beta Theta Pi; Gamma Sigma Delta; Alpha Zeta.

Elliott, Charles Gleason, consulting drainage engin., 506 McLachlen Bldg., Washington, D. C.

Expert in drainage and chief drainage invests., U. S. Dept. Agr., 1902-13. Traveled in Europe, 1908. *Auth.*: Practical Farm Drainage, 1882, rev. 1908; Engineering for Land Drainage, 1903, rev. 1911, 1919. *Ed.,* Drainage Journal, Indianapolis, 1901-2. (Agrl. drainage and reclamation). —*b.* Lowell, Ill., June 8, 1850; *s.* John Brown and Elizabeth (Sarles) E.; reared on farm; *m.* Lura M. Bullock, Jan. 1, 1879; *c.* Merton Melville, Herman Randolph, Edith Marion. B.S., Univ. Ill., 1877; C.E., 1892.

Elliott, Charlotte, assoc. path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., S. D. State Coll., 1914-6. —*b.* Berlin, Wis., Aug. 2, 1883; *d.* E. J. and Alice (Stickney) E.; reared in town. A.B., Leland Stanford Univ., 1907; A.M., 1913; Ph.D., Univ. Wis., 1918. Sigma Xi; Alpha Phi.

Elliott, Clayton Hyland, teach. voc. agr., high-sch., Orland, Ind.

b. W. Mansfield, O., Jan. 17, 1893; *s.* T. J. and Ida (Hyland) E.; reared on farm; *m.* Marguerite E. Norris, June 14, 1916; *c.* Elsie Janet, Donald. B.S.A., Ohio State Univ., 1916.

Elliott, Edwin E., state dir. voc. educ. and superv. voc. agrl. educ., State House, Salem, Ore.

Asst. prof. agr., Wash. State Coll., 1899-1901; assoc. prof., 1901-2; prof., 1902-4; head dept. and supt. farmers insts., 1904-8; dean agr. and prof. agrl. educ., Univ. Ida., 1908-11; farmer Kootenai Valley, Ida., 1911-7; superv. agr., Milton, Ore. Mem. Ida. Legislature, 1913; state Senator, 1915; drainage and irrig. comnr. of Ida., 1915. Invest. agrl. conditions in Europe, 1904. —*b.* Morning Sun, O., Oct. 16, 1860; *s.* Hugh and Elizabeth (Robertson) E.; reared on farm; *m.* Virginia McIntosh, June 9, 1904; *c.* Esther Elaine. A.B., Monmouth Coll., 1881; A.M., 1883; M.S., Mich. Agr. Coll., 1910. Alpha Zeta.

Elliott, Joel Wallace, prof. and chief dept. agron., Univ. Porto Rico, Mayaguez, P. R.

Manag. Alamo Farms, El Paso, Tex., 1916; co. agrl. agt. Matagordo Co., 1917-20; fellow, Tex. A. & M. Coll., 1920; asst. econ., U. S. Dept. Agr., College Station, Tex., 1921; present position, 1922-. —*b.* Belton, Tex., July 10, 1892; *s.* Joel F. and Frances Glassell (Ware) E.; reared in town and on farm; *m.* Susie Louise Sanders, June 6, 1922; *c.* Joel W. Jr. B.S.A., N. Mex. A. & M. Coll., 1915; M.S.A., Tex. A. & M. Coll., 1921.

Elliott, John Asbury, prof. plant path., Univ. Ark., Fayetteville, Ark.; Dec. 1, 1887—Jan. 18, 1923. See Rus 1920.

Elliott, Norris Raymond, ext. hort., Univ. Ky., Lexington, Ky.

Asst. hort., Ohio State Univ., 1913-4; asst. prof. hort., Univ. Ky., 1914-5; ext. hort., 1915-. —*b.* Chandlersville, O., July 30, 1889; *s.* Harry and Evaline (Revennaugh) E.; reared on farm; *m.* Anna Evans, Dec. 12, 1917. B.Sc., Ohio State Univ., 1913. Phi Gamma Delta.

Elliott, Stowe Eugene, dir. field serv., Minn. Potato Growers Exchange, 369 Robert St., St. Paul, Minn.

Ed. Farmers Dispatch, St. Paul, 8 yrs.; publicity man, U. S. Grain Growers, 1 yr.; dir. dept. information, Minn. Farm Bur. Fed., 2 yrs. —*b.* Canistota, S. D., Dec. 18, 1888; *s.* Frank and Elizabeth (Stowe) E.; reared in town; *m.* Helen Grube, Apr. 16, 1916; *c.* Dorothy, Geo., John.

Elliott, Thomas Benjamin, teach. voc. agr., high-sch., Moyock, N. C.

Teach. agr., high-sch., Castalia, N. C., 1919-20; Shelby, 1920-2; Moyock, 1922-. Pres. Moyock Community Fair, 1923-4. 2d Lieut. Inf., U. S. Army, 1918-9. —*b.* Concord, N. C., Aug. 28, 1895; *s.* Thos. Withers and Sally (Graham) E.; reared on farm; *m.* Miriam St. Clair Robertson, Aug. 28, 1918; *c.* Thos. Benj., Jean St. Clair, Shirley Robertson. B.S., N. C. State Coll., 1918; student Edinburgh Univ., Scotland, 1919. Alpha Zeta.

Ellis, Alexander Caswell, prof. philosophy of educ., Univ. Tex., Austin, Tex.

Adj. prof. pedagogy, Univ. Tex., 1897-1903; assoc. prof. sci. and art of educ., 1903-8; dir. ext., 1912-4, 1915-7; prof. philosophy of educ., 1908-. Mem. bd. visitors, U. S. Naval Acad., 1903-4. Fellow A. A. A. S. Mem. council S. Educ. Assoc. Pres. Tex. Nut-Growers Assoc. Introduced *Opuntia Ellisiana,* a hardy thornless cactus suitable for forage and for human consumption. *Auth.:* (with E. J. Kyle) Fundamentals of Farming and Farm Life. —*b.* Franklin Co., N. C., May 4, 1871; *s.* O. L. and Mary Louise (McKnight) E.; reared on farm and in town; *m.* Mary Heard, 1901. A.B., Univ. N. C., 1894; Ph.D., Clark Univ., 1897. Phi Beta Kappa; Kappa Alpha.

Ellis, Benjamin Ward, dir. agrl. ext. serv., Conn. Agr. Coll., Storrs, Conn.

Farm manag. dem., Mass. Agr. Coll., 1914; co. agt. leader, 1915-6; agrl. agt. Windham Co., Conn., 1917-20; co. agt. leader, Conn. Agr. Coll., 1920-3; dir. ext., 1923-. —*b.* Plymouth, Mass., Oct. 15, 1886; *s.* Ziba R. and Helen F. (Ward) E.; reared on farm; *m.* S. Josephine Strange, 1916; *c.* David Ward. B.Sc., Mass. Agr. Coll., 1913. Kappa Sigma.

Ellis, Kenneth Nicholas, co. agrl. agt., Petersburg, Va.

b. Waverly, Va., June 9, 1892; *s.* Stanley V. and Jennie (Burt) E.; reared on farm; *m.* Ann Leth Duncanson, Sept. 15, 1917. Student Va. Poly. Inst.

Ellis, Reuben Ethelgrin, co. agrl. agt., Dresden, Tenn.

Farm supt., Miss. Delta, 1905-9; prof. agr., Cornell State Sch. Agr., Helena, Okla., 1909-13; agrl. agt., Weakley Co., Tenn., 1913-. —*b.* Booneville, Miss., May 25, 1881; *s.* John S. and Ida S. (Norwood) E.; reared in town; *m.* Jeannette Taylor, Feb. 14, 1914. B.S., Miss. A. & M. Coll., 1904.

Ellis, Roy Glenn, teach. voc. agr., high-sch., Flat Rock, Ala.

Mem. Ala. Nat. Guard, 1915-6; Mex. border serv., 1916-7; Sergeant U. S. Army, 1918-9. (An. husb.). —*b.* Ozark, Ala., Oct. 3, 1897; *s.* John T. and Eliza Jane (Byrd) E.; reared on farm. B.S., Miss. A. & M. Coll., 1923; grad. student, Ala. Poly. Inst.

Ellis, William Otterbein, asst. ent., U. S. Dept. Agr., Barrett's Mill Rd., Concord, Mass.

Instr. zool., Ia. State Coll., 1911-3; instr. chg. ent., Wash. State Coll., 1913-4; Schuyler fellow ent., Cornell Univ., 1914-5; instr. ent., Syracuse Univ., 1915-7; present position, 1917-. Farmer, Concord, 1919-24. —*b.* Woodland, Pa., May 23, 1890; *s.* David R. and Martha Jane (Keck) E.; reared on farm and in town; *m.* Maude Donohue, Sept. 1916; *c.* Wm. D., Martha J. A.B., Lebanon Valley Coll., 1911; M.S., Ia. State Coll., 1913. Sigma Xi.

Elmer, Manuel Conrad, assoc. prof. rural and applied sociol., Univ. Minn., Minneapolis, Minn.

Prof. sociol. and econ., Fargo Coll., N. D., 1914-6; assoc. prof. rural and applied sociol., Univ. Kans., 1916-9; Univ. Minn., 1919-. *Auth.:* Technique Social Surveys, 1917. (Social survey work). —*b.* Monroe, Wis., Dec. 5, 1886;

s. John and Anne (Denier) E.; reared on farm; *m.* June Ashley, Sept. 3, 1914; *c.* Anne June. B.S., Northwestern Coll., 1911; A.M., Univ. Ill., 1912; Ph.D., Univ. Chicago, 1914.

Elrod, Julius Mitchell, teach. voc. agr. and supt. high-sch., Tignall, Ga.

Assoc. prof. agron., Univ. Ga., 1921-4; present position, 1924-. Sec.-treas. Tignall Farmers Club. Sergeant Q. M. C., 1917-9. —*b.* Jackson Co., Ga., Mar. 13, 1896; *s.* E. M. and Sarah Hallow (Taylor) E.; reared on farm; *m.* Sarah Kathryn Tribble, Dec. 27, 1920; *c.* Julius M. Jr., Kathryn Tribble. B.S.A., Univ. Ga., 1920. Alpha Zeta.

Elser, Wilbur L., asst. dir. ext., N. Mex. A. & M. Coll., State College, N. Mex.

Asst. in chg. farm cost-accounting, Ohio Exp. Sta., 1909-14; asst. state leader chg. farm manag. dem., Purdue Univ., 1914-6; asst. state leader co. agt. work and farm manag. dem., N. Mex. A. & M. Coll., 1916-8; asst. to ext. dir., 1918-22; present position, 1922-. —*b.* Crestline, O., July 17, 1886; *s.* B. F. and Laura (McKeehen) E.; reared on farm; *m.* Ruby Louise Pitkin, June 6, 1911; *c.* Roger Pitkin, Elizabeth, Benj. Franklin, Katherine Louese, Wm. Alexander. B.S., Ohio State Univ., 1909.

Elsworth, Ralph Henry, assoc. marketing econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Country newspaper work in Mich., 1904-9; rural development work, Traverse City, 1909-15; manag. Grand Traverse Fruit and Produce Exchange, 1915; field agt. marketing in Mich., 1916-7. —*b.* Whitehall, Mich., Oct. 1, 1872; *s.* A. C. and Lucia (Bisbee) E.; reared in city; *m.* Louise Jagger, Dec. 13, 1905; *c.* Merle Margaret. A.B., Univ. Mich., 1902; A.M., 1904.

Elwood, Philip Homer Jr., prof. lands. arch., Ia. State Coll., Ames, Ia.

Asst. supt. Broad Brook Farm, Bedford Hills, N. Y., 1907; with Chas. W. Leavitt, N. Y. City, 1910-3; chg. civic improvement for small cities and towns, Mass. Agr. Coll., 1914-5; asst. prof. lands. arch., Ohio State Univ., 1915-23. Conductor European summerschs. in lands. arch., 1922,1924. Capt. Field Art., U. S. Army, 1917-9; served with A. E. F. 1 yr.; in chg. lands. construction of Argonne Cemetery at Romagne, France. *Auth.*: American Landscape Architecture. —*b.* Ft. Plain, N. Y., Dec. 7, 1884; *s.* Philip H. and Alice V. (Dolan) E.; reared in country. B.S.A., Cornell Univ., 1910. Kappa Psi.

Ely, Richard Theodore, dir. Inst. for Res. in Land Econ. and Public Utilities, Northwestern Univ., Evanston, Ill.

Head dept. political econ., Johns Hopkins Univ., 1881-92; head dept. econ., Univ. Wis., 1892-1925; lect. political econ., Univ. London, 1913. Mem. Baltimore Tax. Comn., 1885-6; Md. Tax. Comn., 1886-8. One of founders and sec. Amer. Econ. Assoc., 1885-92, pres., 1899-1901; 1st pres. Amer. Assoc. for Labor Legislation, 1907-8. Mem. Intern. Statistical Inst. Founder, dir., Inst. for Res. in Land Economics and Public Utilities. Decorated "Officier de l'Instruction Publique," by French govt., 1920. *Auth.*: many books on political and economic questions. *Ed.*, Citizen's Library of Economics, Politics and Sociology and Social Text-Book Series, Land Economics Series, The Macmillan Co.—*b.* Ripley, N. Y., Apr. 13, 1854; *s.* Ezra Sterling and Harriett G. (Mason) E.; reared on farm; *m.* Anna Morris Anderson, June 25, 1884; *c.* Anna Mason, John T. A., Richard S. A.B., Columbia Univ., 1876; fellow in letters, 1876-9; A.M., 1879; Ph.D., Univ. Heidelberg, 1879; studied Univ. Halle, Heidelberg, Geneva and Royal Statistical Bur., Berlin, 1877-80; LL.D., Hobart Coll., 1892. Alpha Delta Phi.

Embleton, Harry, assoc. prof. poultry husb., Univ. Ariz., Tucson, Ariz.

Instr. poultry, Purdue Univ., 1912-3; in chg. boys' and girls' poultry club work in Okla., 1916-7; prof. poultry husb., Okla. A. & M. Coll., 1917-23; present position, 1923-. Pres. Okla State Poultry Fed., 1918; sec. Okla. State Poultry Bd., 1918-9. —*b.* E. Orange, N. J., Jan. 1, 1888; *s.* Robt. and Eliza (King) E.; reared in town; *m.* Katherine Smith, Dec. 7, 1916; *c.* Thos. Wm. B.S., Cornell Univ., 1912.

Emerson, Dorothy, girls club agt., Univ. Md., College Park, Md.

Substitute teach., Boston public schs., 1914-5; teach. dom. sci. and gymnastics, Kimball Union Acad., Meriden, N. H., 1915-7; home dem. agt., Portsmouth, N. H., 1917-8; Nashua, N. H., 1918-9; Sussex Co., Del., 1919-23. —*b.* Waltham, Mass., July 30, 1893; *d.* Philip and Evelyn M. (Dewey) E.; reared in city. Grad. Framingham Normal, 1914.

Emerson, Paul, assoc. prof. soils, Ia. State Coll., Ames, Ia.

Soil bact., Md. Exp. Sta., 1917-8; Ida. Exp. Sta., 1918-9; present position, 1919-. Fellow Ia. Acad. Sci. —*b.* Wilmington, Del., July 6, 1887; *s.* Fred E. and Orietta de Forest (Gray) E.; reared on farm; *m.* Grace E. Reynolds, July 22, 1916. B.S.A., Del. Coll., 1914; M.S.A., 1915; Ph.D., Ia. State Coll., 1917. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Phi Kappa Phi; Gamma Sigma Delta; Theta Chi.

Emerson, Rollins Adams, prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Hort., Off. Exp. Stas., U. S. Dept. Agr., 1897-9; prof. hort., Univ. Neb., 1899-1914; present position, 1914-. Vice-pres. Soc. Amer. Naturalists, 1915, pres., 1923. *Assoc. ed.*, Genetics. —*b.* Jefferson Co., N. Y., May 5, 1873; *s.* C. D. and Mary C. (Adams) E.; reared on farm; *m.* Hattie Hardin, 1898; *c.* Thera, Sterling H., Eugene H., Myra. B.Sc., Univ. Neb., 1897; D.Sc., Harvard Univ., 1913; LL.D., Univ. Neb., 1917. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi.

Emmert, Valentine Meacham, farmer, Atwood, Kans.

Farmer and stockman, Blue Rapids, Kans., 1901-8; farmer, Brogado, Tex., 1908-11; princ. sch., Doran, Minn., 1912-3; dir. agr., high-sch., Buffalo, Minn., 1913-6; co. agrl. agt., McPherson, Kans., 1916-23. —*b.* Morristown, Ill., Feb. 9, 1880; *s.* Geo. S. and Laura Miriam (Meacham) E.; reared on farm; *m.* Anna McHugh, Nov. 22, 1910; *c.* Eolia, Merton, Kathleen. B.S.A., Kans. State Agr. Coll., 1901.

Engberg, Russell Carl, agrl. div., Inst. of Econ., Washington, D. C.

Assoc. prof. farm manag., Ia. State Coll., 1920-1; asst. farm manag. dem., 1919-20. Capt. Inf., U. S. Army, 1918-19. —*b.* Crawford Co., Ia., Mar. 6, 1894; *s.* John F. and Clara (Larson) E.; reared on farm; *m.* Florence Kern, May 23, 1918. B.S., Ia. State Coll., 1917; M.S., Univ. Minn., 1923. Theta Delta Chi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta; Delta Sigma Rho.

Engle, B. Homer, chief appraiser, Fed. Land Bank, Baltimore, Md.

Assoc. instr. agron., Penn. State Coll., 1915-6; agrl. agt. Susquehanna Co., 1916-9; agrl. voc. superv., Dauphin Co., 1919-22; present position, 1922-. —*b.* Harrisburg, Pa., Oct. 11, 1894; *s.* B. H. and Emma F. (Hershey) E.; reared on farm. B.S., Penn. State Coll., 1916. Phi Sigma Kappa.

Englund, Eric, prof. agrl. econ., Kans. State Agr. Coll., Manhattan, Kans.

Present position, 1921-. Lieut. Inf., U. S. Amy, 1918. (Land. econ.). —*b.* Trehörningsjö, Sweden, Apr. 1, 1893 (naturalized 1917); s. Olof and Marie Elizabeth (Häggblad) E.; reared on farm; *m.* Amy Jane Leazenby, Dec. 22, 1924. B.S., Ore. Agr. Coll., 1918; A.B., Univ. Ore., 1919; M.S., Univ. Wis., 1920. Pi Kappa Alpha; Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Ensign, Martin Russell, ext. plant path. and ent., Univ. Fla., Gainesville, Fla.

Asst. hort., Utah Exp. Sta., 1913; high-sch., Brigham City, Utah, 1916-7; ext. path., Bur. Plant Ind., 1917-8; teach. voc. agr., high-sch., Lamar, Ark., 1919-20; assoc. prof. agrl. educ., Univ. Ark., 1920-3; rep. Keystone View Co., Ga., 1923-4; present position, 1925-. (Physiol. and plant path.). —*b.* Brigham City, Utah, Nov. 24, 1890; *s.* Martin Luther and Martha (Wright) E.; reared on farm; *m.* Grace Marguerite Sabin, Dec. 26, 1916; *c.* Mary Marguerite, Grayson Harter, Carolyn Sabin, Neale McNair. B.S., Utah Agr. Coll., 1912; student Mo. Bot. Gard., 1914-5; M.S., Cornell Univ., 1917.

Erdman, Henry Ernest, assoc. prof., div. rural institutions, Univ. Calif., Berkeley, Calif.

Grad. asst., Univ. Wis., 1916-7; asst. prof. rural econ., Ohio State Univ., 1917-22; in chg. cost of marketing div., Bur. Markets and Crop Estimates, U. S. Dept. Agr., 1921-2; present position, 1922-. *Auth.*: The Marketing of Whole Milk, 1921. —*b.* Armour, S. D., Nov. 6, 1884; *s.* Gustav and Anna M. (Stuempges) E.; reared on farm; *m.* Irene Maw, May 26, 1917; *c.* Margaret Lee. B.S., S. D. State Coll., 1912; Ph.D., Univ. Wis., 1920.

Erdman, Lewis Wilson, asst. prof. soils and asst. chief soil bact. Exp. Sta., Ia. State Coll., Ames, Ia.

In dairy and creamery, Brooklandwood Farms, Lutherville, Md., 1916-7; field asst. soil invests., Md. Agr. Exp. Sta., 1917-9; res. fellow, Ia. State Coll., 1920-2; Nat. Res. Council fellow, Wash. Agr. Exp. Sta., 1922-3; present position, 1923-. —*b.* Atlanta, Ga., Sept. 18, 1895; *s.* Walter Watson and Alice (Read) E.; reared in city; *m.* Eleanor Elizabeth Doing, Sept. 18, 1920; *c.* Glory Doing. B.S., Univ. Md., 1916; M.S., Ia. State Coll., 1921; Ph.D., 1922. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta; Sigma Phi Sigma.

Erf, Oscar, prof. dairying, Ohio State Univ., Columbus, O.

Instr. dairying, Ohio State Univ., 1894-8; manag. Straight Dairy Co., 1898-9; assoc. prof. dairy husb., Univ. Ill., 1899-1903; prof. dairy and an. husb., Kans. State Agr. Coll., 1903-7; prof. dairying, Ohio State Univ., 1907-. Del. Intern. Dairy Convention, Scavanunging, Holland. Sec. O. State Dairymens Assoc. Traveled through Europe and Algiers. *Auth.*: Dairy Arithmetic; Dairy Fundamentals. —*b.* Monroeville, O., Dec. 17, 1874; *s.* Philip and Dorothea (Heyman) E.; reared on farm; *m.* Alice L. Ashton, June 28, 1905; *c.* Lowell Ashton. B.S.A., Ohio State University, 1898. Sigma Xi; Alpha Zeta.

Erickson, George Edwin, co. club agt., Waltham, Mass.

2d Lieut. Inf., U. S. Army, World War. —*b.* Brockton, Mass., May 15, 1895; *s.* Emil and Louisa (Ask) E.; reared on farm. B.S., Mass. Agr. Coll., 1919.

Erickson, Theodore August, state leader boys and girls club work, Univ. Minn., University Farm, St. Paul, Minn.

Head Scandinavian dept., Neb. Wesleyan Univ., 1899-1900; co. supt. schs., Douglas Co., 1904-12; farm manag., 1900-; present position, 1912-. Pres. Douglas Co. Guernsey Breeders Assoc., 1910-. —*b.* Alexandria, Minn., Sept. 2, 1871; *s.* Andrew Peter and Emm Frederica (Larson) E.; reared on farm; *m.* Mabel Charlotte Anderson, Sept. 6, 1905; *c.* Theodore Chas., Cyrus Conrad, Marguerite Mabel, Frances Emma. A.B., Univ. Minn., 1904.

Erwin, Arthur Thomas, chief in truck crops, Ia. Exp. Sta., Ames, Ia.

Prof. hort., Ia. State Coll., and exp. truck crops, 1903-. Fellow A. A. A. S., Ia. Acad. Sci. Pres. Ia. State Hort. Soc. *Auth.*: Practical Farming and Gardening, 1908. *Hort. ed.,* Iowa Homestead, Wisconsin Farmer, 1910-4. —*b.* Fulton, Mo., Nov. 8, 1874; *s.* J. L. E.; reared on farm; *m.* Mary Turner, 1906; *c.* Doris, Howard Robt., Evalin. B.S., Univ. Ark., 1900; M.S., Ia. State Coll., 1901; cert. 4 yrs. course gard., Mo. Bot. Gard. Kappa Alpha; Phi Kappa Phi.

Espe, Knute, co. agrl. agt., Nevada, Ia.

Soil surveyor, Ia. Exp. Sta., 3 yrs. (Soils). —*b.* Jewell, Ia., June 3, 1886; *s.* K. P. and Britta (Prescott) E.; reared on farm; *m.* Elsie Forrest, July 31, 1915. B.S., M.S., Ia. State Coll., 1915. Phi Kappa Phi; Alpha Zeta; Phi Lambda Upsilon; Gamma Sigma Delta.

Esplin, Alma Cox, co. agrl. agt., Cedar City, Utah.

b. Orderville, Utah, May 18, 1888; *s.* Henry Webster and Philena (Cox) E.; reared on farm; *m.* Cleo Luke, June 7, 1911 (d. 1918); 2d, Lottie Kunz, Oct. 1920; *c.* Oleen, Luella, Alma Lamar, Wendell. B.S., Utah Agr. Coll., 1916. Phi Kappa Epsilon.

Essex, Robert Henry, ed. Canadian Poultry Journal, Toronto, Ont.

Lect. on poultry, Ont. Dept. Agr., 1898; assoc. ed. Reliable Poultry Journal, Quincy, Ill., 1899-1904; sec. and dir. Cyphers Incubator Co., Buffalo, N. Y., 1904-10; general manag. Robt. Essex Incubator Co., 1910-4; present position, 1915-. Pres. Toronto Poultry Assoc., 1897; chm. com. on market poultry and egg standard, Amer. Poultry Assoc., 1913-4; pres. N. Y. state branch Amer. Poultry Assoc., 1913-5; pres. Ont. Poultry Confederation, 1924-; mem. Canadian com., 1927 World's Poultry Congress. —*b.* Gloucestershire, England, Apr. 15, 1861; *s.* Job and Mary (Sharp) E.; reared in town; *m* Margaret Ann Bennett, 1885; *c.* Fanny Clendenan, Margaret Mary, Robt. Alfred, Harry Hampton.

Essick, Frank Clinton, co. club agt., Ann Arbor, Mich.

b. Jerseytown, Pa., Jan. 4, 1894; *s.* Jas. Allison and Susan (Litchard) E.; reared on farm. B.S., Penn. State Coll., 1924.

Essig, Edward Oliver, assoc. prof. ent., Univ. Calif., Berkeley, Calif.

Instr. ent., Univ. Calif., 1914-6; asst. to assoc. prof., 1916-; farm adv., Ventura, Calif., 1918-9. Sec. Calif. State Comn. Hort., 1911-4; Ventura Co. hort. comnr., 1909-11; sec. Pacific Coast Branch, Amer. Assoc. Econ. Ent., 1915-. (Aphids). —*b.* Arcadia, Ind., Sept. 29, 1884; *s.* Monroe F. and Isabel (Todd) E.; reared on farm; *m.* Ethel M. Langford, June 13, 1910; *c.* Mary Isabel. B.S., Pomona Coll., 1909; M.S., 1912. Sigma Xi; Alpha Zeta; Alpha Gamma Rho.

Estabrook, Leon Moyer, agrl. comnr., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Teach. country schs., 2 yrs.; N. Tex. Univ., 2 yrs. Farmer, Tex., 12 yrs., Md., 5 yrs. Clerk, War Dept., 1893-1903; stenographer, Bur. Plant Ind., 1904-5; chg. records, 1905-8; asst. chg. Off. Seed Distribution, 1909-13; chief clerk, Dept. Agr., 1913; chief, Bur. Statistics (Crop Estimates) 1913-21; assoc. chief, Bur. Agrl. Econ., 1921; specialist in rural econ. and agrl. statistics, Argentine Dept. Agr., 1923; present position, for making economic agrl. surveys in S. Amer., 1924-. Del. to general assembly of Intern. Inst. Agr., Rome, 1920; Intern. Congress of History and Geography of Amer.; Intern. Congress of Social Econ., Buenos Aires, 1924. Clerk Joint Com. of Congress to Invest. Business Methods in Exec. Depts. of Govt. Sec. Peoples' Gardens Assoc. of Washington, 1912; rep. Dept. Agr. adv. com., Council Nat. Defense. Fellow A.A.A.S. —*b.* Rockford, Ill., Mar. 24, 1869; *s.* John Otis and Emma (Brown) E.; reared on farm; *m.* Nellie Louise Melling, May, 1901; *c.* Thelma Lee, Otis Woodrow. Student Corcoran Sci. Sch., Berlitz Sch. Languages, Washington; LL.B., Georgetown Law Sch., 1897.

Esten, William Merrill, prof. bact. and exp. soil bact., Conn. Agr. Coll., Storrs, Conn.

Asst. biol., Wesleyan Univ., 1894-1906; prof. biol., Chautauqua Coll., 1897-8; instr. histology, Brooklyn Inst. Arts and Sci., Cold Spring Harbor, 1895; present position, 1906-. Special agt., U. S. Dept. Agr. to World's Fair, Chicago, 1893. —*b.* Glendale, R. I., Aug. 27, 1862; *s.* Wm. Brown and Adaline (Taft) E.; reared on farm and in town; *m.* Bertha Lelia Langdon, Dec. 24, 1899; *c.* Lelia Merrill. B.S., Wesleyan Univ., 1894; M.S., 1896. Phi Beta Kappa.

Etheridge, Jesse Irving, co. agrl. agt., Oconto, Wis.

Asst. agron., Univ. Wis., 1914-5; farm manag. Oconto Co. Farms, 1917-21; grower certified potatoes, 1922-3; fert. salesman, Armour Fert. Co., 1923; instr. U. S. Veteran Bur., Univ. Wis., 1923-4; agrl. agt. Oconto Co., 1924-. —*b.* Wild Rose, Wis., June 26, 1881; *s.* Alanson Pease and Emma Louise (Spicer) E.; reared on farm; *m.* Irma Charlotte Gautschi, Sept. 5, 1915. B.S.A., Univ. Wis., 1913; M.S.A., 1917.

Etheridge, William Carlyle, prof. farm crops, Univ. Mo., Columbia, Mo.

Asst. agron., N. C. Exp. Sta., 1907-10; assoc. agron., 1910-1; grad. asst. farm crops, Cornell Univ., 1912-5; prof. agron., Univ. Fla., 1915-6; present posi-

tion, 1916-. —*b.* Roanoke Isl., N. C., June 30, 1885; *s.* Daniel Warren and Humantia (Meekins) E.; reared on farm; *m.* Fanny Elizabeth Cassel, Aug. 15, 1917. B.S.A., N. C. A. & M. Coll., 1906; M.S., Cornell Univ., 1912; Ph.D., 1915. Sigma Xi; Gamma Sigma Delta.

Etherton, William Alonzo, writer and agrst., Stillwater, Okla.

Prof. arch. engin., Okla. A. & M. Coll., 1908-12; arch. in chg. farm structures, U. S. Dept. Agr., 1912-5; prof. rural arch., Kans. State Agr. Coll., 1915-7; writer on farm building subjects, 1918-; inventor Etherton farm water system, 1915. *Auth.*: Farm Houses, 1917. —*b.* Jackson Co., Ill., Dec. 11, 1874; *s.* A. M. and Mary (Henson) E.; reared on farm; *m.* Sadie Dean, Jan. 10, 1905; *c.* Murray Dean. B.S., Univ. Ill., 1904; M. of Arch., 1914. Sigma Xi; Phi Kappa Phi.

Etter, Albert Felix, plant-breeder and strawberry plant nurseryman, Ettersburg, Calif.

Founder Ettersburg Exp. Sta.; foundational work in breeding apples and "Ettersburg" strawberries. —*b.* El Dorado Co., Calif., Nov. 27, 1872; *s.* Benj. and Wilhelmina (Kern) E.; reared on farm; *m.* Oct. 18, 1924.

Eustace, Harry J., advertising dept., Curtis Pub. Co., San Francisco, Calif.

Prof. hort., Mich. Agr. Coll., to 1919. U. S. Food Adminis., Washington, 1917-9. —*b.* Rochester, N. Y., Apr. 24, 1877; *s.* Joshua H. and Bell (Thompson) E.; reared in city and on farm; *m.* Eugertha Emily Lawrence, Oct. 19, 1907. B.S., Mich. Agr. Coll., 1901; Mast. Hort., 1911 (hon.).

Evans, Arthur Thompson, prof. bot. and plant path., S. D. State Coll., Brookings, S. D.

Instr., Univ. Colo., 1914-7; assoc. prof. agron., S. D. State Coll., 1920-3; present title, 1923-. —*b.* Wellington, Ill., May 22, 1888; *s.* Robt. M. and Anna C. (Johnstone) E.; reared on farm; *m.* Anna M. Hansen, Aug. 22, 1914; *c.* Margaret Louise, Arthur T., Lewis Hansen, Dorothy Ann. A.B., Univ. Ill., 1912; M.A., Univ. Colo., 1915; Ph.D. Univ. Chicago, 1918. Sigma Xi.

Evans, Edward B., prof. vet. sci. and bact., Prairie View State Coll., Prairie View, Tex.

Present position, 1918-. 2d Lieut. Vet. O. R. C., U. S. Army. —*b.* Kansas City, Mo., May 10, 1894; *s.* E. G. and A. M. (Howlett) E., (col.); reared on farm and in city; *m.* L. O. Lewis, Oct. 9, 1921; *c.* Aida Louise, Edward Jr. D.V.M., Ia. State Coll., 1918. Alpha Phi Alpha; Phi Kappa Phi.

Evans, Frederick Noble, city lands. arch., Sacramento, Calif.

Lands. arch. firm Evans and Punchard, Cleveland, O., 4 yrs.; asst. prof. and head div. lands. gard., Univ. Ill., 1914-20. Mem. Amer. Soc. Lands. Arch. *Auth.*: Town Improvement, 1919. — *b.* Youngstown, O., July 26, 1881; *s.* Daniel Henry and Sarah Jane (Livingstone) E.; reared in town; *m.* Belle Spencer Sanford; *c.* Sarah June, Janet Sanford. A.B., Harvard Univ., 1905; M.L.A., 1911. Sigma Alpha Epsilon.

Evans, Harold James, distr. rep. Niagara Sprayer Co., Mineola, N. Y.

Manag. Nassau Co. Farm Bur., 1918-21; present position, 1922-. —*b.* Broadalbin, N. Y., Jan. 17, 1893; *s.* Fred and Lucy (Gray) E.; reared on farm; *m.* Elizabeth Brown, Nov. 29, 1917. B.S., Cornell Univ., 1917. Alpha Gamma Rho.

Evans, Morgan William, assoc. agron., U. S. Dept. Agr., N. Ridgeville, O.

With Off. Forage Crops, U. S. Dept. Agr., 1907-. Fellow A. A. A. S. (Timothy). —*b.* Neath, Pa., Feb. 22, 1879; *s.* Wm. H. and Annie B. (Evans) E.; reared on farm; *m.* Zoe A. Dyer, Sept. 1, 1915; *c.* Anna Catherine, Marion Wm. B.S.A., Cornell Univ., 1906; M.S., Geo. Washington Univ., 1920.

Evans, Samuel Ernest, co. agrl. agt., Laurinburg, N. C.

Instr. agr., agrl. high-sch., Eros, La., 1910-2; instr. agr., La. Ind. Inst., Ruston, 1913-4; farmer, 1915-; agrl. agt. Marlboro Co., S. C., 1914-23; Scotland Co., N. C., 1923-. (Agron., live-stock). —*b.* New Zion, S. C., Feb. 27, 1887; *s.* John Stephen and Hattie (Epps) E.;

reared on farm. B.S., Clemson Agr. Coll., 1910; M.S., Univ. Wis., 1914. Acacia.

Evans, Walter Harrison, chief insular stations, U. S. Dept. Agr., Washington, D. C.

Asst. bot., Wabash Coll., 1887-90; bot. Eli Lilly Co., Indianapolis, Ind., 1890-1; special agt., U. S. Dept. Agr., 1891-2; present position, 1902-. Fellow A. A. A. S. Del. to Intern. Conferences on For., Hort. and Exp. Stas., Paris, 1900. Survey of Alaska, 1897-8; Guam, 1908. Bot. ed., Experiment Station Record, 1893-. —*b.* Delphi, Ind., Jan. 3, 1863; *s.* Joseph and Catherine (Bricker) E.; reared on farm; *m.* Bessie Binford, Oct. 22, 1890; *c.* Margaret B. A.B., Wabash Coll., 1887; M.A., 1889; Ph.D., 1896. Sigma Chi.

Evans, Walter William, co. agrl. agt., Sulphur Springs, Tex.

Farm supt., Tex. A. & M. Coll., 1906-8; farm and live-stock supt., Okla. A. & M. Coll., 1908-14; agrl. agt., Mo., Kans. & Tex. Ry., 1914-8; specialist in control pink boll worm, U. S. Plant Quarantine Bd., 1918-9; co. agrl. agt. and sec. Chamber of Commerce and Council of Agr., Sulphur Springs, 1919-. —*b.* Weatherford, Tex., Apr. 20, 1879; *s.* Jas. R. and Julia Ann (Lanham) E.; reared on farm; *m.* Thena Earle Stockton, Aug. 21, 1904; *c.* Claud Max, Joe Earle, Francis Lanham, Robby D. Student Weatherford Coll., Tex. A. & M. Coll.

Evenden, Corey C., head dairy dept., N. Y. State Sch. Agr., Delhi, N. Y.

Farmer, Chemung Co., 1900-10; instr. sci., State Sch. Agr., Farmingdale, N. Y., 1917-8; instr. dairy and an. husb., 1918-20; present position, 1920-. —*b.* Elmira, N. Y., Aug. 21, 1882; *s.* Henry and Sarah J. (Bacom) E.; reared on farm; *m.* Helen Canfield, Sept. 15, 1915; *c.* Theodora Canfield, Robt. Cornelius, Elizabeth Marie. B.S.A., Syracuse Univ., 1916.

Everett, Charles Horatio, ed. Wisconsin Agriculturist, Racine, Wis.

Farmer until 1895; ed. Wisconsin Agriculturist, 1895-. Ex-pres. Wis. State Dairymens Assoc.; ex-sec. Wis. State Bd. Agr.; mem. Wis. State Bd. Agr., 1905-; pres. Wis. Live-Stock Sanitary Bd. Mem. Wis. Assembly, 1912; Wis. Senate, 1914. —*b.* Rock Co., Wis., Mar. 22, 1855; *s.* Josiah Milton and Mary E. (Ross) E.; reared on farm; *m.* Angerona Barningham, 1878; 2d, Grace L. Lang, 1910; *c.* Milton Wayne.

Everett, George Abram, prof. ext. teach., Cornell Univ., Ithaca, N. Y.

Teach. Lawrenceville Sch., N. J., 1902-4; instr., Cornell Univ., 1904-6; asst. prof., 1906-7; teach. Flushing high-sch., 1907-9; asst. prof., Cornell Univ., 1910-5; prof., 1915-. (Public speaking). —*b.* Lawrence, N. Y., Apr. 18, 1875; *s.* Luther and Martha (Abram) E.; reared on farm; *m.* Anna McEwen, Nov., 1907; *c.* Martha, Richard. A.B., Cornell Univ., 1899; LL.B., 1901.

Everett, George Dudley, co. agrl. agt., Denton, Tex.

Teach. agr., high-sch., Brenham, Tex., 1 yr.; manag. Tex. Seed and Floral Co. test farm, Dallas, 1½ yrs.; sci. asst., Walker Truck farm, 1 yr.; garden specialist, Tex. A. & M. Coll., 2 yrs. (Veg. gard.). —*b.* Dallas, Tex., Nov. 20, 1891; *s.* J. W. and Isabelle Virginia (Dudley) E.; reared on farm and in city; *m.* Elizabeth Adele Drasch, Sept. 15, 1917; *c.* Elizabeth Adele, Geo. D. Jr. B.S., Tex. A. & M. Coll., 1915.

Everett, Guy Thomas, superv. agr., high-sch., Millville, Pa.

Teach. rural sch., 1916-7; present position, 1923-. —*b.* Lairdsville, Pa., Mar. 1, 1897; *s.* Arthur Guy and Hattie (Gordner) E.; reared on farm. B.S., Penn. State Coll., 1923. Kappa Delta Gamma.

Everett, Rachel Lockwood, home dem. agt. Hendersonville, N. C.

Teach. high-sch., Cumberland, Md., 1911-7, superv. home econ., 1913-7; formerly home dem. agt., Westminster, Md.—*b.* Kent Co., Mich., Nov. 23, 1883; *d.* Herbert and Harriet (Stage) E.; reared on farm. Grad. W. Mich. State Normal, 1911; Ph.B., Univ. Chicago, 1924.

Everhart, George Grover, instr. voc. agr., high-sch., Centerburg, O.

Instr. agrl. educ., Ohio State Univ., 1921-2. 1st Lieut. U. S. Army, A. E. F. —*b.* Tuscatawas Co., O., Nov. 11, 1893; *s.* Geo. W. and Mary E. (Crile) E.; reared on farm; *m.* Renee Charlotte Barbey, Apr. 10, 1921; *c.* Betty France. B.S.A., Ohio State Univ., 1921.

Everts, Mildred Beatrice, co. club agt., Middlebury, Vt.

Teach. public schs., Vt., 11 yrs. (Clothing). —*b.* Salisbury, Vt., Apr. 5, 1893; *d.* Chas. W. and Emma (Durant) E.; reared on farm.

Evvard, John Marcus, prof. an. husb., Ia. State Coll., in chg. an. husb. sect., Exp. Sta., Ames, Ia.

Asst. city ed., Pontiac Sentinel, 1904; asst. to dean and dir. Coll. Agr. and Exp. Sta., Univ. Mo., 1907-10; in chg. and asst. chief an. husb., Ia. Exp. Sta., 1910-8; chief in swine production, 1911-; chief in nutr., 1911-9; assoc. prof. an. husb., Ia. State Coll., 1916-8; prof., 1918-; special asst. off. sec., U. S. Dept. Agr., 1922; seminar instr. an. husb., Univ. Ariz., 1922. Chm. Swine Comn. and mem. adv. com. on swine, U. S. Food Adminis., 1917. Vice-pres. Amer. Soc. An. Production, 1916-7, pres., 1918. Fellow Ia. Acad. Sci.; fellow A. A. A. S. *Auth.*: Feeding Hogs for Profit, 1913; Hogs (with A. J. Lovejoy). *Contributing ed.,* National Swine Magazine, 1909-10; Berkshire World and Corn Belt Stockman, 1915-6; Swine World, Duroc Bulletin, 1918-9; Chester White Journal, 1919-; Country Gentleman, 1922-; corresponding ed., Farm and Fireside, 1924. —*b.* near Saunemin, Ill., Nov. 6, 1884; *s.* John B. and Mary (Leitel) E.; reared on farm; *m.* Mattie Casey Cooper, Aug. 10, 1911; *c.* Mary Margaret, John Cooper, Martha Jane. B.S.A., Univ. Ill., 1907; M.S.A., Univ. Mo., 1909. Sigma Xi; Phi Lambda Upsilon; Phi Kappa Phi; Gamma Sigma Delta; Sigma Delta Chi; Alpha Zeta.

Ewing, Henry Ellsworth, specialist, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. ent., Ore. Exp. Sta., 1911-4; asst. prof. zool., Ia. State Coll., 1914-6; assoc. prof., 1916-9; specialist, miscellaneous insects, Bur. Ent., 1919-. Fellow A. A. A. S., Ia. Acad. Sci. Farming, 1 yr. —*b.* Arcola, Ill., Feb. 11, 1883; *s.* J. H. and A. L. (McDonald) E.; reared on farm; *m.* Bertha M. W. Riley; *c.* Paul McDonald, Lydia Frances. A.B., Univ. Ill., 1906; M.A., 1908; Ph.D., Cornell Univ., 1911. Sigma Xi; Phi Delta Theta.

Ewing, Perry Van, in chg. res. dept., Hayes, Loeb & Co., 7 S. Dearborn St., Chicago, Ill.

Student asst. an. husb., Ohio State Univ., 1911; asst. to pres. Kans. State Agr. Coll., 1912-3; an. husb., Tex. Exp. Sta., 1913-9; commercial work, 1919-. *Auth.*: Southern Pork Production, 1918. —*b.* Dallas, Tex., Aug. 25, 1889; *s.* Robt. Brown and Mamie (Clark) E.; reared in country; *m.* Louise Mitchell, Aug. 24, 1913; *c.* Frances Clark, Perry V. Jr. B.S.A., Ohio State Univ., 1911; M.S., 1913. Sigma Xi.

Ezekiel, Mordecai Joseph Brill, asst. agrl. econ., U. S. Dept. Agr., Washington, D. C.

With div. agr., U. S. Bur. Census, 1919-22; jr. agrl. econ., U. S. Dept. Agr., 1922-3; asst. agrl. econ., 1923-. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Richmond, Va., May 10, 1899; *s.* Jacob L. and Rachel (Brill) E.; reared in city. B.S.A., Univ. Md., 1918; M.S., Univ. Minn., 1923.

Ezekiel, Walter Naphtali, asst. plant path., Md. Agr. Exp. Sta., College Park, Md.

Present position, 1920-. Fellow A. A. A. S. —*b.* Richmond, Va., Apr. 26, 1901; *s.* Jacob L. and Rachel (Brill) E.; reared in suburbs. B.S., Univ. Md., 1920; M.S., 1921; Ph.D., 1924. Phi Alpha.

F

Fabian, Frederick William, assoc. prof. bact. and hygiene and res. assoc. bact. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Lab. asst. chem., Allegheny Coll., 1 yr.; milk insp., 6 mos.; ice-cream insp., 6 mos., Detroit Bd. Health; bact. for

Ford Motor Co., Detroit, 1916; present position, 1917-. Mem. Mich. Acad. Sci. 2d Lieut. Sanitary Corps, U. S. Army, 1918. (Ice-cream). —*b.* Diamond, Pa., Mar. 26, 1888; *s.* August G. and Estella H. (Proper) F.; reared in town; *m.* Martha Thompson Gilchrist, Aug. 10, 1916. B.S., Allegheny Coll., 1914; M.S., Mich. Agr. Coll., 1924. Phi Sigma; Alpha Chi Sigma.

Fabis, Adolph Ira, asst. ent., U. S. Dept. Agr., Brownwood, Tex.

Asst. ent., U. S. Dept. Agr., Pecan Insect Lab., 1913-7; in chg., 1918-. Proprietor Brownwood Nursery, 1920-. (Pecans). —*b.* Roumania, Oct. 13, 1889 (naturalized 1911); *s.* Chas. and Elizabeth (Neuschatz) F.; reared in city. B.S., Coll. of City of N. Y., 1912. Sigma Alpha Nu.

Fagan, Frank Nelson, prof. pom., Penn. State Coll., State College, Pa.

Present position, 1912-. Sec. State Hort. Assoc. of Pa., 1916-7. —*b.* Richmond, Ind., Sept. 29, 1888; *s.* Joseph Atwood and Mary Ann (Kitson) F.; reared on farm; *m.* Etta Wingate Jones, Apr. 25, 1912; *c.* Anne Bourne. B.Sc., Ohio State Univ., 1910. Alpha Gamma Rho.

Fager, George Edward, co. agrl. agt., Anna, Ill.

Nursery insp., Ill. State Dept. Agr., 1918-9; teach. agr., high-sch., Sparta, Ill., 1919-22; assoc. in plant-breeding, Univ. Ill., 1922-5; agt. Union Co., 1925-. Served in Naval Aviation, World War. (Pom., plant-breeding). —*b.* Murphysboro, Ill., Sept. 15, 1896; *s.* Phil and Emma Rebecca (Will) F.; reared in town; *m.* Mabel Decker, Aug. 21, 1919; *c.* Harriette. B.S., Univ. Ill., 1918. Alpha Zeta.

Fahey, Gerald Calhoun, teach. voc. agr. and princ. agrl. high-sch., Erath, La.

Manag. McAlpine cotton warehouse, Navasota, Tex., 2 yrs. (An. husb.). —*b.* Navasota, Tex., June 23, 1900; *s.* Martin Joseph and Annie C. (Calhoun) F.; reared on farm and in town. B.S.A., Tex. A. & M. Coll., 1922.

Fahrnkopf, Harrison F. T., co. agrl. agt., Bloomington, Ill.

Assoc. soil fert., Univ. Ill., 7 yrs. —*b.* Champaign Co., Ill., 1888; *s.* John and Matilda (Riess) F.; reared on farm. B.S., Univ. Ill., 1913; M.S., 1920. Sigma Xi; Alpha Zeta.

Fain, John Richard, prof. agron., Univ. Ga., Athens, Ga.

Farm supt., Univ. Tenn., 1898-1904; asst. prof. agr., Va. Poly. Inst., 1904-7; present position, 1907-. Farming, 1893-8. —*b.* Jefferson City, Tenn., Dec. 7, 1873; *s.* Samuel N. and Sallie (Fain) F.; reared on farm. B.S., Univ. Tenn., 1900.

Fairbank, James P., ext. specialist agrl. engin., Univ. Calif., Davis, Calif.

Instr. agrl. engin., Wash. State Coll., 1916-7; asst. prof., 1917-9; prof. and head dept., 1919-20; commercial work, 1920-3; present position, 1923-. (Power farming). —*b.* Ord, Neb., Sept. 25, 1891; *s.* Chas. E. and Grace (Partridge) F.; reared on farm. B.S., Univ. Neb., 1916. Alpha Zeta; Sigma Tau.

Fairbanks, Berthier Wesley, live-stock ext. specialist, Colo. Agr. Coll., Fort Collins, Colo.

Assoc. prof. an. husb., Colo. Agr. Coll., 1919-24; live-stock ext. specialist, 1924-. 2d Lieut. Field Art., U. S. Army, 1917-9. —*b.* Chicago, Ill., Jan. 10, 1894; *s.* Jas. Wesley and Isabelle (Green) F.; reared on farm; *m.* Anne Suzanne Midas, May 26, 1919; *c.* Dwight Wesley, Aline Marguerite. B.S., Univ. Ill., 1917. Sigma Chi; Alpha Zeta.

Fairbanks, Frank Latta, asst. prof. rural engin., Cornell Univ., Ithaca, N. Y.

b. Ithaca, N. Y., Dec. 16, 1884; *s.* Herbert C. and Ellen E. (Hammond) F.; reared in town and on farm; *m.* Helen M. Hart, Dec. 24,1912; *c.* Caroline L., Thaddeus H., David C. M.E., Cornell Univ., 1910.

Fairchild, David, sr. agrl. explorer in chg. Off. Foreign Seed and Plant Introduction, U. S. Dept. Agr., Washington, D. C.

Sect. Veg. Path., U. S. Dept. Agr., 1889-94; present position, 1898-. Traveled with Barbour Lathrop on trip of reconnaisance preparatory to work of

plant introduction, through Dutch E. Indies, Australia, New Zealand, South Sea Isls.; agrl. explorer through S. Amer., N. and S. Africa, China, Japan, Europe, 1898-1903. Pres. Amer. Genetic Assoc.; mem. bd. of managers, Nat. Geographic Soc. —*b.* Mich. Agr. Coll., Apr. 7, 1869; *s.* Geo. T. and Charlotte Pearl (Halsted) F.; reared in suburbs; *m.* Marion Hubbard Bell, Apr. 25, 1905; *c.* Graham Bell, Barbara Lathrop, Nancy Bell. B.S., Kans. State Agr. Coll., 1888; M.S., 1893; post grad. work in bot., Ia. State Coll., 1888; Rutgers Coll., 1889; Naples Zool. Sta., 1893; Breslau and Berlin, 1894; Bonn, 1895; Münster, 1895; Palermo Bot. Gard., 1894; Buitenzorg Bot. Gard., 1896; D.Sc., Oberlin Coll., 1915.

Fairchild, Luzerne Hallock, assoc. prof. dairying, Purdue Univ., LaFayette, Ind.

Fellow, Kans. State Agr. Coll., 1916-7; asst. dairying, 1917-8; instr., Purdue Univ., 1919; asst. prof., 1919-20; assoc. prof., 1921-. —*b.* Georgetown, Colo., Oct. 28, 1893; *s.* Robt. F. and Jane Flagler (Hallock) F.; reared in town; *m.* Mildred Cady, June 21, 1924. B.S., Kans. State Agr. Coll., 1916. Sigma Nu.

Falconer, John Ironside, prof. rural econ., Ohio State Univ., Columbus, O.

Asst. agron., R. I. Exp. Sta., 1910-1; asst. prof. rural econ., Ohio State Univ., 1914-8; prof., 1918-. —*b.* Mason, N. H., Jan. 13, 1888; *s.* Geo. and Annie (Watson) F.; reared on farm. B.S., N. H. Coll., 1909; M.S., Univ. Wis., 1912; Tarplewich fellow, 1912-3; Ph.D., 1914. Alpha Zeta; Beta Phi.

Falkner, Mordis, farmer and hort., Waco, Tex.

Sec.-treas. and manag. McLennan Co. Farm Assoc., Inc.; formerly pres. Tex. Nut Growers Assoc.; pres. Tex. State Hort. Soc. —*b.* Waco, Tex., Feb. 25, 1882; *s.* Calton and Emma (Kellum) F.; reared on farm; *m.* Jessie Riley, Apr. 7, 1908; *c.* Jas. Calton. Student Baylor Univ., Waco, Tex.

Falls, David Rex, teach. voc. agr., high-sch., Rosston, Okla.

b. Winslow, Ind., Feb. 1, 1900; *s.* F. L. and Ella (Miley) F.; reared on farm. B.S., Okla. A. & M. Coll., 1924. Kappa Tau Pi.

Falls, Grover William, co. agrl. agt., Elizabeth City, N. C.

Teach. Ark. State Agr. Sch., 1913-5; ext. serv., N. C., 1915-. (Agron.). —*b.* Pottsville, Ark., Aug. 30, 1892; *s.* J. E. and Amanda (Wells) F.; reared on farm. B.S., Ark. State Agr. Sch., 1912.

Fant, Gordon W., ext. plant path., N. C. State Coll., Raleigh, N. C.

2d Lieut. Inf., O. R. C., U. S. Army. —*b.* Walhalla, S. C., Aug. 30, 1899; *s.* Nevitt L. and May G. (Smith) F.; reared on farm and in town. B.S., Clemson Agr. Coll., 1920; M.S., Rutgers Coll., 1922. Sigma Xi.

Fargo, John Merrill, asst prof. an. husb., Univ. Wis., Madison, Wis.

Asst., Univ. Wis., 1919-20; instr., 1920-2; asst. prof., 1922-. Served in U. S. Army, 1917-8. —*b.* Wis., June 16, 1893; *s.* John R. and Ester (Meridith) F.; reared on farm; *m.* Floy Barnett, Feb. 3, 1923. B.S., Univ. Wis., 1919; M.S., 1921. Sigma Xi; Delta Sigma Phi; Phi Sigma.

Farley, Arthur James, assoc. prof. hort., Rutgers Univ., New Brunswick, N. J.

Asst. hort., N. J. Exp. Sta., 1908-11; assoc. hort. in ext. 1912-4; acting hort., 1919-21; instr. hort., Rutgers Coll., 1914-6; asst. prof., 1916-8; assoc. prof., 1918-. —*b.* Waltham, Mass., Sept. 2, 1885; *s.* Frederick W. and M. Wheatie (MacDonald) F.; reared on farm; *m.* Edith B. McLaury, June 3, 1914; *c.* Margaret W., Chas. McLaury. B.Sc., Mass. Agr. Coll., 1908.

Farley, Daniel V., farmer, Goshen, N. Y.

Mem. Reconstruction Comn. of N. Y. 1st vice-pres. N. Y. State Fed. Farm Bur. Assocs., 2 yrs.; master Orange Co. Pomona Grange, 4 yrs.; 1st pres. Orange Co. Farm Bur., 4 yrs.; mem. exec. com., Orange Co. Farm Bur. Assoc. —*b.* Goshen, N. Y., Oct. 24, 1863; *s.* Peter and Eleanor (Reed) F.; reared on farm; *m.* Kate E. Reynolds, Oct. 24, 1889 (d. 1906); 2d, Eloise Makuen, May 12, 1909; *c.* Eleanor, Edwin Reynolds, Margretta.

Farley, Stephen Raymond, co. agrl. agt., Canton, N. Y.

b. S. New Berlin, N. Y., Nov. 27, 1896; *s.* Jas. A. and Anna M. (Baulf) F.; reared on farm. B.S., Cornell Univ., 1918.

Farlow, Norman Charles, teach. voc. agr., high-sch., Ewing, Ky.

b. Irwin, Pa., Jan. 6, 1901; *s.* Norman R. and Emma (Bitz) F.; reared in town. B.S., Penn. State Coll., 1924.

Farmer, Junius Warren, co. agrl. agt., Eureka, Kans.

Herdsman and showman for S. M. Knox Shorthorns, Humboldt, Kans., 1923; agrl. agt. Greenwood Co., 1923-. Treas. Nat. Block and Bridle Club, 1922-. 2d Lieut. O. R. C., U. S. Army. (An. husb.). —*b.* Horton, Kans., Feb. 2, 1900; *s.* Jas. Alexander and Elizabeth Ellen(Figley) F.; reared on farm. B.S., Kans. State Agr. Coll., 1923. Phi Kappa Phi; Gamma Sigma Delta; Pi Kappa Delta.

Farnsworth, Watson Wales, fruit-grower, Waterville, O.

Pres. O. State Hort. Soc., 2 yrs., sec., 13 yrs.; pres. Lucas Co. Hort. Soc., 11 yrs. Mem. Constitutional Convention of O., 1911-2; mem. Fed. Draft Bd., N. W. Ohio. Mem. O. Senate, 1923-7. —*b.* Waterville, O., Nov. 21, 1855; *s.* John Pray and Annis B. (Wales) F.; reared on farm; *m.* Anna B. Norton, June 16, 1881; 2d, Adelaide A. Counter, Oct. 4, 1911; *c.* Frank Norton, Ruth E.

Farquhar, Fred, co. agrl. agt., Malvern, Ia.

Farmer, Coin, Ia., 1912-8; agrl. agt. Mills Co., 1918-. —*b.* College Springs, Ia., Apr. 18, 1888; *s.* Samuel and Clara (Patton) F.; reared on farm; *m.* Ina Lisle, 1913; *c.* Elinor. B.S., Ia. State Coll., 1912.

Farr, Chester Carroll, feed merchant, Coquille, Ore.

Teach. Sunnyside high-sch., Wash., 1913-7; distr. agrst., 2 yrs.; co. agrl. agt., Everett, Wash.; agrst. E. A. Mitchel, Tractor Co., 1919. *Auth.*, Laboratory Manual in Field Crops. —*b.* Pullman, Wash., Oct. 14, 1890; *s.* Jas. Craven and Alice Gertrude (Heywood) F.; reared on farm; *m.* Iva Haines, June 22, 1913; *c.* Donald Haines, Edythe Maxine, Leonard Carroll. B.S.A., Wash. State Coll., 1913. Beta Theta Pi.

Farrar, Harry Allen, farmer, Chester, Vt.

Princ. Beeman Acad., New Haven, Vt., 1910-2; instr. Middlebury Coll., summer 1912; instr. Normal Sch., Castleton, 1912-6; supt. Vergennes distr., 1916-9; educ. manag. Essex Co. Agr. Sch., Hathorne, Mass., 1919-22; organizer and princ. jr. high-sch., Charleston, Vt., 1922-4. *Assoc. ed.*, Rural Educator, 1914-6. —*b.* Chester, Vt., Mar. 27, 1886; *s.* Geo. P. and Myrta D. (Fuller) F.; reared on farm; *m.* Beatrice A. Field, June 27, 1916; *c.* Geo. Preston, Francis Putnam, Mary Elizabeth, Caroline Fuller, Rebecca Ellen. A.B., Middlebury Coll., 1910; A.M., 1912; M.S., 1915.

Farrell, Francis David, pres. Kans. State Agr. Coll., Manhattan, Kans.

Sci. asst., U. S. Dept. Agr., 1907-10; assoc. prof. irrig. and drainage, Univ. Ida., 1910-1; agrst. (irrig.), U. S. Dept. Agr., 1912-8; dean agr. and dir. Exp. Sta., Kans. State Agr. Coll., 1918-25; acting pres., Mar.-May, 1925; pres., May 1925-. On stock ranch, Wyo., 1898-1900. Mem. Kans. State Council Defense, 1918. —*b.* Utah, Mar. 13, 1883; *s.* Geo. L. and Amanda (Steele) F.; reared on farm; *m.* Mildred Jenson; *c.* Frances. B.S., Utah Agr. Coll., 1907; D. Agr., Univ. Neb., 1925. Alpha Zeta.

Farrell, George E., chg. N. Cent. States coop. ext. work, U. S. Dept. Agr., Washington, D. C.

Supt. schs., Summit, Ill., 1903-12; asst. co. supt. schs., Cook Co., Ill., 1912-5; asst. boys and girls club work, U. S. Dept. Agr., 1915-9; sec. Hampden Co. Improvement Assoc., Springfield, Mass., 1919; present position, 1919-. Vice-pres. and mem. bd. dirs. Argo State Bank, 1911-5. *Asst. ed.*, Book of Rural Life. —*b.* DuPage, Ill., Sept. 30, 1881; *s.* Thos. and Kate D. (Macken)

F.; reared on farm; *m.* Mary H. Whelan, Dec. 27, 1909; *c.* Geo. R., John F. Student Northwestern Univ. Delta Tau Delta.

Farrington, Edward Holyoke, prof. dairy husb., Univ. Wis., Madison, Wis.

Chem., Conn. Exp. Sta., New Haven, 1882-8; Off. Exp. Stas., U. S. Dept. Agr., 1889-90; chem., Ill. Exp. Sta., 1890-4; present position, 1894-. *Auth.*: (with Woll) Testing Milk and Its Products, 1897; 6 books on dairying for correspondence coll. —*b.* Brewer, Me., Dec. 20, 1860; *s.* Joseph R. and Ellen (Holyoke) F.; reared on farm; *m.* Maud Wyckoff, 1890; 2d, Margaret Tate, 1898; *c.* Isabel. B.S., Univ. Me., 1881; M.S., 1883. Sigma Xi; Alpha Zeta.

Fassett, Frederick H., fruit-grower, Meshoppen, Pa.

Pres. Pa. State Hort. Soc., 1918-9; pres. Wyo. Co. Hort. Soc. —*b.* Scottsville, Pa., June 3, 1858; *s.* Henry W. and Caroline (Jackson) F.; reared on farm; *m.* Lois A. Gay, Aug. 2, 1879; *c.* Henry G., Lewis F., Lloyd E.

Fassig, Oliver Lanard, meteorologist, in chg. W. Indies and Caribbean Serv., U. S. Weather Bur., San Juan, Porto Rico.

Instr. and assoc. in meteorology, Johns Hopkins Univ., 1897-1919. Mem. Bd. Control, Md. State Weather Serv., 1897-1919; mem. Intern. Aerological Comn., 1906-7. Sec. Chicago Meteorological Congress, 1893; sec. and ed., Assoc. Amer. Geographers, 1919. Chief instr., Signal Corps, U. S. Army, College Station, Tex., Apr.-Dec. 1919. Chg. Zeigler Arctic Relief Party to Greenland, 1905. *Auth.*: Climate and Weather of Baltimore. *Ed.*, Bibliography of Meteorology, 4 vols., 1887-96. —*b.* Columbus, O., Apr. 5, 1860; *s.* Mathias and Eliza (Lanard) F.; reared in city; *m.* Anne Green McCoy, Sept. 8, 1898. B.S., Ohio State Univ., 1882; Univ. Berlin, 1897; Ph.D., Johns Hopkins Univ., 1899. Phi Beta Kappa; Sigma Xi.

Faust, Samuel LeRoy, superv. voc. agr., high-sch., Shiloh, N. J.

Asst. agrl. educ., Penn. State Coll., 1910-1. —*b.* Shippensburg, Pa., Oct. 27, 1881; *s.* Jacob A. and Jennie S. (Hoch) F.; reared on farm; *m.* Nellie Irene Welsh, Oct. 7, 1910; *c.* Chas. Welsh, Mary Jane. B.S., Penn. State Coll., 1910. Delta Theta Sigma; Phi Kappa Phi.

Faville, Alpheus Davis, comnr. of agr., Capitol Bldg., Cheyenne, Wyo.

Prof. an. husb. and husbandman Exp. Sta., Univ. Wyo. 1908-18; dean Coll. Agr. and dir. Exp. Sta., 1918-22; present position, 1923-. —*b.* Lake Mills, Wis., 1880; *s.* Stoughton W. and Emma (Myers) F.; reared on farm; *m.* Jean MacGregor Douglas, July 22, 1913. B.S., Lawrence Coll., 1902; M.S., Univ. Wis., 1915. Phi Beta Kappa; Beta Theta Pi; Alpha Zeta.

Faville, Ernest Eugene, ed. Western Farmer, Portland, Ore.

Dir. N. S. Sch. Hort., 1893-7; hort. and ent., Kans. State Agr. Coll., 1897-9; dean Nat. Farm Sch., 1899-1902. Chm. agrl. com. and chm. marketing com., Portland Chamber Commerce. Formerly ed. Successful Farming. —*b.* Mitchell, Ia., Oct. 27, 1870; *s.* Minor S. and Sarah (Shaw) F.; reared on farm; *m.* Edith Ryan, June 30, 1896; *c.* David E., Richard W. B.S.A., Ia. State Coll., 1893; M.S.A., 1896.

Fawcett, Clifford J., ext. prof. an. husb., Mass. Agr. Coll., Amherst, Mass.

Instr. an. husb., N. H. Coll., 1915-8; asst. prof., 1918-21; present position, 1921-. —*b.* Chesterhill, O., Jan. 3, 1884; *s.* Jason and Mary E. (Bundy) F.; reared on farm; *m.* Florence H. Steer, 1907; *c.* Clarence A., Edward G., David C., Richard S. B.S.A., Ohio State Univ., 1915.

Fawcett, Howard Samuel, plant path., Univ. Calif., Riverside, Calif.

Asst. bot. and hort., Univ. Fla., 1905-6; asst. plant path., Fla. Exp. Sta., 1906-8; plant path., 1908-12; plant path., State Comn. of Hort., Calif., 1912-3; present position, 1913-. (Citrus diseases). —*b.* Salem, O., Apr. 12, 1877; *s.* Thos. F. and Sidney A. (Bonsall) F.; reared on farm; *m.* T. Helen

Tostenson, 1909; *c.* Rosamond A. B.S., Ia. State Coll., 1905; M.S., Univ. Fla., 1908; Ph.D., Johns Hopkins Univ., 1918.

Fay, John Hastings, general agt. The Rogers & Hubbard Co., fertilizers, Middletown, Conn.

Barnes Bros. Nursery Co., Yalesville, Conn., Apr.-Nov., 1906; fruit and poultry farmer, 1906-8; agrl. instr., Smith's Agrl. Sch., Northampton, Mass., 1909-10; Northboro Agrl. Sch., 1912-3; Essex Co. Agrl. Sch., Hathorne, Mass., 1913-5; agt. Middlesex Co., Conn., 1915-24. —*b.* Princeton, Mass., Aug. 19, 1880; *s.* Arthur E. and Anna C. (Harthan) F.; reared on farm; *m.* Caroline W. Rogers, Sept. 30, 1914. B.S.A., Ont. Agr. Coll., Toronto Univ., 1912.

Feagin, Mabel Lightner, home dem. agt., Union Springs, Ala.

Teach. music, Farmersville, Tex., 1894; rural teach., Tennille, Ga., 1896-7; Hurtsboro, Ala., 1917. —*b.* Union Springs, Ala., Feb. 7, 1875; *d.* John M. and Laura V. (Paulk) Lightner; reared in town; *m.* Joe D. Feagin, Oct. 26, 1898; *c.* Joel D., Ruth, John, Jeff. Student Prices Coll., Nashville Tenn., and Vanderbilt Univ.

Fedde, Margaret, chm. home econ. group, Univ. Neb., Lincoln, Neb.

Princ. high-sch., Benson, Neb., 5 yrs. —*b.* Irvington, Neb.; *d.* Christian and Margaret Helen (Glandt) F.; reared on farm. Grad. Peru Normal, 1907; Univ. Neb., 1914; M.A., Columbia Univ., 1922. Omicron Nu.

Feddersen, Marvin Henry, co. agrl. agt., Oskaloosa, Ia.

Farmer, 1910-7. Dir. Clinton Co. Farm Bur., 1912-4. —*b.* near Clinton, Ia., Jan. 19, 1886; *s.* J. M. M. and Julia (Ingwersen) F.; reared on farm; *m.* Ruth R. Watts, 1913; *c.* Josephine J., Margaret H. B.S.A., Ia. State Coll., 1910. Sigma Alpha Epsilon.

Fee, Kenneth Fairbanks, dir. Dairy and Food Bur., N. Y. State Dept. Farms and Markets, Albany, N. Y.

Manag. dairy farmer, Mooers, N. Y.; Co. pres. Dairymens League, 1916-21, dir., 1919; dir. Dairymens League Coop. Assoc., 1921; pres. Clinton Co. Farm Bur. Assoc., 1920-1. —*b.* Lyon Mt., N. Y., Aug. 31, 1887; *s.* Andrew W. and Isadore (Fairbanks) F.; reared in town and on farm; *m.* Ruth Fuller, June 19, 1912.

Feldbaum, Max, teach. agr., high-sch., Blackfoot, Ida.

Formerly truck farmer, N. J.; manag. certified dairy farm, Ill.; dairy manufacturing specialist, Armour and Co.; dir. agr., high-sch., Belt, Mont. Sec. Assoc. Agrl. Teach. of N. D.; co. club leader, Cascade Co., Mont. Insp. navy butter, U. S. Dept. Agr. —*b.* Russia, July 13, 1895 (naturalized 1916); *s.* Lewis F. and Rebecca (Helfant) F.; reared on farm. B.S., Cornell Univ., 1918.

Feldkamp, Cora Lucinda, jr. librarian, Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Asst. librarian, Mich. Agr. Coll., 1905-8; library asst., Off. Farm Manag., U. S. Dept. Agr., 1908-20; reference librarian, Mich. Agr. Coll., 1920-3. (Bibliographical work in cost of crop production). —*b.* Ann Arbor, Mich., Oct. 30, 1881; *d.* Henry B. and Elizabeth (Bissinger) F.; reared on farm. B.S., Mich. Agr. Coll., 1905.

Felker, Andrew Llewellyn, farmer and comnr. agr., State House, Concord, N. H.

Lect., N. H. State Grange, 4 yrs.; comnr. agr., 1913-. Mem. exec. com., Nat. Assoc. Comnrs. Agr. —*b.* N. Barrington, N. H., July 6, 1869; *s.* Andrew J. and Lydia A. (Seavey) F.

Felt, Ephraim Porter, state ent., N. Y. State Museum, Albany, N. Y.

Teach. nat. sci., Clinton Liberal Inst., Fort Plain, N. Y., 1893-5; present position, 1895-. Pres. Amer. Assoc. Econ. Ent., 1902. Traveled in Europe, 1909. Ent. ed., Country Gentleman, 1898-1911; ed. Journal Economic Entomology, 1908-. *Auth.*: Manual of Tree and Shrub Insects, 1924. —*b.* Salem, Mass., Jan. 7, 1868; *s.* Chas. W. and Martha S. (Ropes) F.; reared on farm; *m.* Helen M. Otterson, June 24, 1896; *c.*

Margaret, Ernest Porter, Helen, Elizabeth. B.Sc., Mass. Agr. Coll. and Boston Univ., 1891; D.Sc., Cornell Univ., 1894. Sigma Xi; Alpha Sigma Phi.

Felton, Ralph Almon, ext. prof. rural social organization, Cornell Univ., Ithaca, N. Y.

Teach. rural sch., 1 yr.; high-sch., 1 yr.; Syrian Protestant Coll., Beirut, Syria, 3 yrs.; asst. in the Presbyterian Dept. of Church and Country Life, 6 yrs.; educ. sec. Methodist Dept. of Rural Work, 5 yrs. Traveled in Orient. *Auth.*: A Study of a Rural Parish, 1915; Epworth League in Rural Community Service, 1919; Serving the Neighborhood, 1921; A Christian in the Country Side, 1924. —*b.* Arkansas City, Kans., July 26, 1882; *s.* Marshall A. and Isabelle (Nichols) F.; reared on farm; *m.* Mary Blanche Shimer, Aug. 19, 1914; *c.* Mary Shimer, Ralph A. Jr., Margaret Gene. Ph.B., Southwestern College, Winfield, Kans., 1905; M.A., Columbia Univ., 1912.

Felts, Rufus Henry, asst. co. agt. leader, Colo. Agr. Coll., Fort Collins, Colo.

Farmer, Tenn., 1912-4; princ. high-sch., Pinson, Tenn., 1914-5; co. agrl. agt., Franklin Co., Ky., 1915-7; farmer, Weld Co., Colo., 1917; princ. high-sch., Telluride, Colo., 1917-8; co. agrl. agt., Pueblo Co., Colo., 1918; present position, 1919-. —*b.* Springfield, Tenn., Sept. 13, 1889; *s.* Rufus Henry and Lucy (Williams) F.; reared on farm; *m.* Leta McNabb, Nov. 24, 1914; *c.* Lillian Josephine, Rufus H. Jr. B.S.A., Univ. Tenn., 1912. Alpha Tau Omega; Phi Kappa Phi; Alpha Zeta.

Fenton, Frederick Azel, ent., U. S. Dept. Agr., Box 65, Florence, S. C.

Deputy nursery insp., Wis., summer 1915; sci. asst., U. S. Bur. Ent., 1915-6; fellow zool. and ent., Ohio State Univ., 1916-8; field agt. in chg. white pine blister rust eradication, Wis., summer, 1918; res. ent., Ia. State Coll., 1919; assoc. prof. ent., 1920-4; asst. chief ent. sect., Ia. Agr. Exp. Sta., 1919-20, 1922-4; acting chief, 1920-3; Ia. state ent., 1920-2; present position, 1924-. Mem. Ia. Acad. Sci. Served in Inf., U. S. Army, World War. —*b.* Willimantic, Conn., Nov. 4, 1892; *s.* Franklyn Dwight and Emily Maria (Swift) F.; reared in city; *m.* Maybelle Reed, Aug. 12, 1918; *c.* Judith. B.A., Clark Univ., 1914; M.S., Univ. Wis., 1915; Ph.D., Ohio State Univ., 1918. Sigma Xi; Alpha Zeta.

Fenton, Frederick Charles, assoc. prof. agrl. engin., Ia. State Coll., Ames, Ia

Formerly asst. prof. agrl. engin., Univ. Mo. 1st. Lieut., Coast Art., U. S. Army, 1918-9; served with A. E. F. —*b.* Black Hawk Co., Ia., June 30, 1891; *s.* August C. and Jennie (Craig) F.; reared on farm. B.S., Ia. State Coll., 1914. Alpha Zeta; Delta Sigma Rho; Theta Delta Chi.

Fergus, Ernest Newton, asst. prof. farm crops, and asst. agron. Exp. Sta., Univ. Ky., Lexington, Ky.

Asst. soils and crops, Purdue Agr. Exp. Sta., 1918-20; instr. farm crops and asst. agron. Exp. Sta., Univ. Ky., 1920-3; asst. prof., 1923-. —*b.* Sidney, O., Mar. 19, 1892; *s.* John Shannon and Jennie (Stoner) F.; reared on farm; *m.* Audrey Smith, Mar. 11, 1916; *c.* Janet Ann. B.S.A., Ohio State Univ., 1916; M.S., 1918. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon.

Ferguson, Alexander McGowen, pres. Ferguson Seed Farms, Inc. and Ferguson Pub. Co., Sherman, Tex.

Assoc. prof. hort. and mycology, Tex. A. & M. Coll., 1899-1900; instr. bot., Univ. Tex., 1900-6; special agt., U. S. Dept. Agr., 1905; special lect. on agrl. educ., Okla. A. & M. Coll., 1907-9. Fellow A. A. A. S., Tex. Acad. Sci. Sec. Tex. Corn Growers Assoc., 1907-9, pres., 1910-1; pres. Tex. Crop Improvement Assoc., 1916-7. Served in Spanish-Amer. War. *Auth.*: Elementary Principles of Agriculture, 1908. —*b.* Belton, Tex., Jan. 7, 1874; *s.* Jas. E. and Fanny (Fitzpatrick) F.; reared on farm; *m.* Hallie Henderson, June 3, 1903; *c.* Katherin, Rachel, Jas., Alex, Tom, Hallie, Sam. B.S.A., Tex. A. & M. Coll., 1893; M.Sc., 1894; student Mo. Bot. Gard., St. Louis, 1907-9, and Cornell Univ.

Ferguson, Clarence M., asst. prof. poultry husb., Mich. State Coll., E. Lansing, Mich.

Ext. specialist, Ont. Agr. Coll., 1920-1; ext. specialist, Mich. Agr. Coll., 1922; asst. prof., 1923-. Supt. Mich. Intern. Laying Contest. In Royal Air Serv., 1918. —*b.* Parkhill, Ont., June 21, 1899; *s.* John James and Margaret (Meadd) F.; reared on farm. B.S.A., Ont. Agr. Coll., 1921.

Ferguson, Frank Everett, instr. voc. agr., high-sch., Tularosa, N. Mex.

Teach. agr., high-sch., Pima, Ariz., 1922-3; Tularosa, N. Mex., 1923-. (Dairying). —*b.* Ft. Collins, Colo., Sept. 2, 1898; *s.* Robt. M. and Josephine (Lee) F.; reared in country; *m.* Ruth Peasely, Dec. 28, 1922. B.S., Colo. Agr. Coll. Sigma Chi.

Ferguson, John Arden, prof. for., Penn. State Coll., State College, Pa.

Instr. for., Penn. State Coll., 1908-11; prof. for., Univ. Mo., 1911-3; present position, 1923-. Fellow A. A. A. S.; vice-pres. Soc. Amer. Foresters, 1918. *Auth.*: Farm Forestry, 1916. —*b.* Canandaigua, N. Y., Dec. 23, 1873; *s.* Harrison B. and Ella (Wader) F.; reared in town; *m.* Susan Kathryn Becker, Sept. 14, 1911 (d. 1915); 2d, Blanche Swainhardt, Sept. 3, 1921; *c.* Eleanor, John Becker. A.B., Hamilton Coll., 1896; A.M., 1902; M.F., Yale For. Sch., 1908. Chi Psi; Alpha Zeta; Gamma Sigma Delta; Xi Sigma Pi.

Fergusson, Sterling Price, assoc. meteorologist, U. S. Weather Bur., Washington, D. C.

Asst., Blue Hill Observatory, 1887-1910; prof. meteorology, Univ. Nev. and assoc. meteorologist Exp. Sta., 1911-6; present position, 1916-. —*b.* Dixons Springs, Tenn., Nov. 8, 1868; *s.* W. W. and Medora C. (Kerby) F.; reared on farm; *m.* Carrie M. Tucker, Sept. 5, 1903. Phi Kappa Phi.

Fernald, Henry Torsey, prof. ent. and ent. Exp. Sta., Mass. Agr. Coll., Amherst, Mass.

Prof. zool., Penn. State Coll., 1890-9; state zool., Pa., 1898-9; prof. ent., Mass. Agr. Coll., 1899-; chm. Sch. Sci., 1913-; ent., Exp. Sta., 1910-; state nursery insp., Mass., 1902-18. Fellow A. A. A. S. (Econ. ent., Sphecidæ). —*b.* Litchfield, Me., Apr. 17, 1866; *s.* Chas. Henry and Maria Elizabeth (Smith) F.; *m.* Minna R. Simon, June 9, 1890. B.S., Univ. Me., 1885; M.S., 1888; Ph.D., Johns Hopkins Univ., 1890.

Ferrin, Evan Fisher, prof. an. husb., Univ. Minn., University Farm, St. Paul, Minn.

Instr. an. husb., Ia. State Coll., 1911; instr. an. husb., Tex. A. & M. Coll., 1912; asst. prof. an. husb., Ia. State Coll., 1912; assoc. prof., 1913-8; assoc. prof. an. husb., Kans. State Agr. Coll., 1918-20; present position, 1920-. (Swine production). —*b.* Cherokee Co., Ia., Feb. 9, 1888; *s.* Joseph L. and Elizabeth (Fisher) F.; reared on farm; *m.* Stella Drennan, June 22, 1912; *c.* Harold Evan, Lora Jean. B.S., Ia. State Coll., 1911; M. Agr., 1920. Theta Delta Chi; Alpha Zeta; Delta Sigma Rho; Gamma Sigma Delta.

Ferriss, Emery Nelson, prof. rural educ., Cornell Univ., Ithaca, N. Y.

Princ. high-sch., Pocatello, Ida., 1906-7, 1908-11; instr. Broadway High-Sch., Seattle, Wash., 1912-6; asst. prof. educ., Univ. Okla., 1917-9; asst. prof. rural educ., Cornell Univ., 1919-23; prof., 1923-. —*b.* Toledo, Ia., July 17, 1882; *s.* Oscar M. and Emma (Bidwell) F.; reared on farm; *m.* Bessie Reed, Aug. 26, 1908; *c.* Dorothy, Donald. Ph.B., Leander Clark Coll., 1904; M.A., Univ. Ia., 1905; Ph.D., 1908; Univ. Chicago, 1911; Teachers Coll., Columbia Univ., 1916-7.

Fessenden, Stephen De Blois, administrative off., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Sect. chief, Div. Agr., 10th Census, 1880-3; examiner, U. S. Pension office, 1884-7; statistical expert and chg. compilation of labor laws, U. S. Dept. Labor, 1887-97; asst. chief Bur. Statistics, U. S. Dept. Agr., 1897-1905; present position, 1905-. —*b.* Auburn, Me., May 29, 1856; *s.* Thos. Amory De Blois and Elizabeth Rollins (Titcomb) F.; reared in town; *m.* Lucile Josephine

Dandelet, June 14, 1883; *c.* Carolyn Elizabeth, Thos. Amory De Blois. A.B., Bowdoin Coll., Me., 1878; LL.B., Geo. Washington Univ., 1889; LL.M., 1890. Alpha Delta Phi.

Fetterolf, Howard C., asst. state dir. voc. educ., State Dept. Public Instr., Harrisburg, Pa.

State superv. agrl. educ., Pa., 1914-24; present position, 1924-. Farm owner and manag. —*b.* Mifflinville, Pa., Aug. 16, 1887; *s.* P. A. and Isabelle (Williamson) F.; reared on farm; *m.* Julia A. Lillibridge, Aug. 12, 1914. Grad. Bloomsburg State Normal Sch., 1910; student Penn. State Coll.

Fieldner, Carl G., co. agrl. agt., Bryan, O.

Farm manag., 1912-7. —*b.* Ney, O., Apr. 21, 1889; *s.* Chas. and Ellen (Giuther) F.; reared on farm; *m.* Huldah Christman, Dec. 17, 1914; *c.* Elizabeth Jane. B.S.A., Ohio State Univ., 1912. Delta Theta Sigma.

Fields, John, ed. Oklahoma Farmer, Skirvin Hotel, Oklahoma City, Okla.

Asst. chem., Penn. Exp. Sta., 1891-4; asst. chem., Okla. Exp. Sta., 1896-9; dir. and chem., 1899-1906. Del. Republican Nat. Convention, 1916; Republican candidate for governor Okla., 1914. *Auth.*: Sure Feed Crops, 1912. *Ed.*, Oklahoma Farm Journal, 1901-15; Oklahoma Farmer, 1915-. —*b.* near Davenport, Ia., July 29, 1871; *s.* David T. and Sarah (Mosser) F.; reared on farm; *m.* Caro Chamberlain Emerson, July 14, 1900. B.S., Penn. State Coll., 1891. Phi Kappa Phi.

Fields, Walter Samuel, path. insp., Off. Foreign Plant Quarantines, Fed. Hort. Bd., Washington, D. C.

Instr. plant path., Univ. Ark., 1913-6; asst. prof., 1916-8; asst. state plant path., Ark. Exp. Sta., 1913-8; ext. path. for Miss., U. S. Dept. Agr., 1918-9; present position, 1919-. —*b.* Buffalo, N. Y., July 22, 1886; *s.* Samuel J. and Charlotte Elizabeth (Kellogg) F.; reared in city; *m.* Grace A. MacClelland, Nov. 28, 1918. B.S., Mich. Agr. Coll., 1913. Alpha Zeta.

Fife, Ray, state superv. agrl. educ., 23 University Place, Columbus, O.

Distr. supt. schs., VanWert Co., O., 1911-5; asst. boys and girls club leader, Ohio State Univ., 1917-9; asst. prof. agrl. educ., 1919-21; present position, 1921-. —*b.* VanWert, O., Dec. 1, 1883; *s.* Jas. and Melissa (Hoaglin) F.; reared on farm; *m.* Flossie Hall, Oct. 31, 1917. B.S., Ohio Northern Univ., 1909; B.S.A., Ohio State Univ., 1917.

Filley, H. Clyde, prof. rural econ., Univ. Neb., Lincoln, Neb.

Supt. public schs., Bancroft, Neb., 1903-6; Albion, 1906-9; instr. farm manag., Univ. Neb., 1911-2; asst. prof., 1912-4; prof. and head dept. rural econ., 1914-. Farm operator, 1906-11. Rep. Gage Co., Neb. Legislature, 1911. (Coop. marketing). —*b.* near Filley, Neb., Dec. 27, 1878; *s.* Elmore C. and Annette (Foster) F.; reared on farm; *m.* Creta Warner, Oct. 11, 1911; *c.* Vernon W., Marjorie, Edith, Dorothy. A.B., Univ. Neb., 1903; A.M., 1911.

Filley, Walter Owen, for., Conn. Agr. Exp. Sta., Box 1106, New Haven, Conn.

Mem. Conn. Park and For. Comn., 1913-. Served in Spanish-Amer. War. —*b.* New Haven, Conn., July 27, 1877; *s.* Myron W. and Cleora (Gilbert) F.; reared in city; *m.* Margaret Y. Paton, Sept. 20, 1919; *c.* Walter O. Jr., John Paton. Student Yale For. Sch., 1904-6.

Filson, James Edwin, land titles, First Nat. Bank Bldg., Champaign, Ill.

Sec. Ill. Abstracters Assoc., 1913-8; vice-pres., 1919-20; pres., 1925. Lect. on abstracts of title, Univ. Ill. *Auth.*: Fil's Filosophy on Land Titles. —*b.* Caldwell Co., Mo., Oct. 28, 1883; *s.* Thos. A. and Zelma (Adams) F.; reared in town; *m.* Lena Will, Dec. 26, 1906; *c.* Kathleen Louise, James Hugh, Beth, Jean. LL.B., Univ. Ill., 1907.

Finan, John Ambrose, teach. voc. agr., high-sch., Dresden, O.

b. Muskingum Co., O., Apr. 25, 1902; *s.* Thos and Rose F.; reared on farm. B.S., Ohio State Univ., 1924. Tau Gamma Phi.

Finch, Ray MacAlpine, teach. agr. and princ. voc. sch., Dansville, N. Y.

Princ. high-sch., Maryland, N. Y., 1918-20; Kinderhook, 1920-1; Dansville, 1921-. —*b.* Rock Stream, N. Y., Feb. 20, 1888; *s.* Chas. L. and J. (MacAlpine) F.; reared in village; *m.* Ruth Vaisey, Aug. 4, 1918; *c.* Marjorie R., Elsie J. Grad. Genesee State Normal, 1911; B.S., Cornell Univ., 1918.

Findlay, Hugh, asst. prof. agr., Columbia Univ., New York, N. Y.

Prof. hort. and agrl. bot., N. Y. State Sch. Agr., Morrisville, 1910-4; prof. hort., Syracuse Univ., 1914-8; dir. agr., Nat. Serv. Sch., Washington, 1918 (short course); asst. in visual instr., U. S. Dept. Agr., 1918-9; present position, 1919-. Organizer and insp. camp farms, O. Q. M. G., U.S. Army, 1918; field lect. hort., A. E. F., Beaune, France. Practical gard. and nurseryman, 11 yrs. *Auth.*: House Plants, Their Care and Culture, 1916; Practical Gardening, 1918. *Ed.*, The Hand Book for Practical Farmers, 1920. —*b.* Scotland, Sept. 28, 1879 (immigrated 1881); *s.* Francis and Christina (Morton) F.; reared in town; *m.* Mabel L. Chase, July 5, 1916. B.S.A., Syracuse Univ.; A.M., Columbia Univ.; studied Clark Coll. and Cornell Univ. Sigma Xi; Lambda Chi Alpha.

Fink, David Ely, ent. asst. truck crop insect invests., Bur. Ent., U. S. Dept. Agr., Riverton, N. J.

b. Russia, Nov. 28, 1881; *s.* Wm. F.; reared in city and country. B.S.A., Cornell Univ., 1911; M.S.A., 1913.

Finley, Clifford Burl, ext. prof. dairy husb., Ia. State Coll., Ames, Ia.

b. Owatonna, Minn., July 28, 1894; *s.* John F. and Addie M. (Atwater) F.; reared on farm; *m.* Elinora E. Studer, July 8, 1900; *c.* Cyrus W., Janet Beth. B.S., Univ. Minn., 1919; M.S., Ia. State Coll., 1922. Alpha Gamma Rho.

Finley, Joseph Orton, farmer and stockman, Oneida, Ill.

b. Oneida, Ill., Dec. 18, 1874; *s.* J. Alex. and Mary E. (Cox) F.; reared on farm; *m.* Annie Stanley Fox, Dec. 27, 1904; *c.* Mary, Charlotte, Sara, Elizabeth, Ann Josephine. B.S., Univ. Ill., 1917. Alpha Zeta.

Finley, Lillian Maude, in chg. home econ. specialists in ext. work, Kans. State Agr. Coll., Manhattan, Kans.

Instr. dom. sci. and art, Moline, Kans., 1914-6; State Normal, Ellendale, N. D., 1917-20; present position, 1921-. —*b.* Cherryvale, Kans., Jan. 9, 1886; *d.* Jas. Young and Elizabeth Jane (Stewart) F.; reared on farm. B.S., Columbia Univ., 1922.

Finn, Roscoe Alexander, agrl. rep., Box 663, London, Ont.

Field agt., Ont. Dept. Educ., 1913-4; agrl. rep. Middlesex Co., 1915-. —*b.* Fletcher, Ont., Nov. 21, 1890; *s.* Wm. and Mary (Casey) F.; reared on farm; *m.* Mary Hanlon, Aug. 2, 1916; *c.* Joseph P., Roscoe J. B.S.A., Toronto Univ., 1915.

Finnell, Henry Howard, assoc. agron. Okla. Exp. Sta. and dir. Panhandle Exp. Sta., Goodwell, Okla.

Sci. asst., Okla. Agr. Exp. Sta., 1917-20; princ. and supt. Ravia Consolidated Sch., 1921-3; present position, 1924-. —*b.* Oakley, Miss., Oct. 27, 1894; *s.* Jesse Montgomery and Jerusha Annie (White) F.; reared in country and village; *m.* Margaret Elizabeth Thomas, May 16, 1918; *c.* Henry H. Jr., Wm. Jesse, Robt. Thos. B.S., Okla. A. & M. Coll., 1917. Alpha Zeta; Sigma Phi Epsilon.

Fippin, Elmer Otterbein, chief in agron. and dir. Agr. Exp. Sta., Port au Prince, Haiti.

Asst. Bur. Plant Ind., U. S. Dept. Agr., 1900-1; asst. Bur. Soils, Dept. Agr., 1901-5; asst. prof. soil tech., Cornell Univ., 1905-8; prof., 1908-19; manag. agrl. dept., 1919-20 and general manag., 1920-2, Nat. Lime Assoc.; dir. Fippin Agrl. Consulting Serv., 1922-4. First pres. N. Y. State Drainage Assoc.; hon. vice-pres. Nat. Drainage Congress for N. Y., 1914-8. Mem. Bd. Visitors, Ohio State Univ., 1917-21. Farm operator. Organized (1916) and 3 yrs. pres. Tompkins Co. Farmers Co. Inc. *Auth.*: (with Lyon) Principles of Soil Management, 1909; (with Lyon and Buckman) Soils, Their Properties and Management 1915; Rural New York, 1921. —*b.* Columbus, O., Sept. 18, 1879;

s. John and Sidney Anne (Holt) F.; reared on farm; *m.* Florence Ellen Postle, Nov. 21, 1901; *c.* Walter Russell, Wm. Howard, Jas. Elmer, Julia Anne, Elizabeth Carol. B.S.A., Ohio State Univ., 1900; grad. student Cornell Univ., 1904-5. Fellow A. A. A. S. Alpha Zeta.

Firor, George Henry, ext. pom., Univ. Ga., Athens, Ga.

Formerly manag. peach orchard, N. Ga.; agrl. agt. Habersham Co.; teach. voc. agr., 8th Distr. A. & M. Sch., Madison; present position, 1921-. —*b.* Thurmont, Md., Sept. 10, 1891; *s.* Wm. Leonard and Anne Cathrine (Wisotzkey) F.; reared on farm; *m.* Josephine Estelle Garrison, Sept. 29, 1917; *c.* Josephine Kathryn. B.S., Univ. Ga., 1915. Phi Kappa Alpha.

Firor, Guy Wisotzkey, co. agrl. agt., Montezuma, Ga.

Instr. hort., Md. Agr. Coll., 1907-8; formerly superv. ext. schs., Univ. Ga. Chg. farmers insts., ext. schs. and fair exhibits. —*b.* Thurmont, Md., May 7, 1886; *s.* Wm. Leonard and Anne Catharine (Wisotzkey) F.; reared on farm; *m.* Helen May Williar, Nov. 17, 1910; *c.* Sarah Elizabeth, Helen Dorothy, Guy Wisotzkey Jr. B.S., Md. Agr. Coll., 1907; M.S.A., 1908.

Firor, John William, co. agrl. agt., Athens, Ga.

Instr. and commandant of cadets, Bethel Military Acad., Warrenton, Va. 1908-10; asst. hort., W. Va. Exp. Sta., 1911; jr. prof. hort., Univ. Ga., 1912-7; hort., A. B. & A. Ry. Co. and manag. Planters Products Co., 1919-22; agrl. agt. Clarke Co., 1922-. 1st Lieut. Field Art., U. S. Army, 1917-9; instr. A. E. F. Univ., Beaune, France, 1919. *Ed.*, orchard and garden dept. Southern Fruit Grower, 1913-7. —*b.* Thurmont, Md., Sept. 23, 1887; *s.* Wm. L. and Anne Catharine (Wisotzkey) F.; reared on farm; *m.* Mary Valentine Moss, 1920; *c.* two. B.S., Md. Agr. Coll., 1908

Fischer, Malitta D., sec. Wis. State Bee Assoc. and sec. dept. beekeeping, Univ. Wis., Madison, Wis.

Formerly sec. Miller Memorial, Chautauqua, Wis. Manag. first Wis. State Honey Week; organizer Nat. Honey Week; mem. nat. advertising com., Amer. Honey Producers League. Manag., Honey Tea Room, Madison, Wis. (Marketing of honey). —*b.* Rockford, Ill., Apr. 28, 1897; *d.* Wm. and Mary (Stein) F.; reared on farm and in city. Student Univ. Wis.

Fischer, Walter, instr. agron., farm manag. and econ., N. Y. State Sch. Agr., Canton, N. Y.

Asst. bot., Ohio State Univ., 1900-1, 1905; instr. bot., Geo. Washington Univ., 1907-8; sci. asst., U. S. Dept. Agr., 1905-9; dir. Agr. Exp. Sta., Para, Brazil, 1909-12; with Dept. Agr., Argentina, 1913-5; agrl. invest. in S. Amer. for U. S. Dept. Commerce, 1915-7. —*b.* Loveland, O., Oct. 11, 1877: *s.* Julius and Julia (Floto) F.; reared on farm and in city; *m.* Isabelle Allan, 1907 (d. 1912); 2d Nellie Pauline Jones, 1920; *c.* Paul Allan, Richard Henry. B.S., Ohio State Univ., 1897; M.A., 1905.

Fish, Don E., distr. ext. agt., Ia. State Coll., Ames, Ia.

Instr. sci. and agr., Beaverhead Co. high-sch., Dillon, Mont. —*b.* Adel, Ia., Apr. 22, 1880; *s.* J. S. and Mary J. (Couch) F.; reared on farm; *m.* Belle Osborn, June 1, 1909; *c.* Donald, Doris, Chas., Jas., Harriet, Walter. B.S.A., Ia. State Coll., 1906; M.Agr., 1920. Alpha Zeta.

Fish, John Shuff, dir. voc. agr., high-sch., Greenback, Tenn.

Princ. rural schs., Ky., 4 yrs.; princ. Dodge Co. High-Sch., Ga., 1 yr.; instr. agr. and sci., high-sch., Mt. Vernon, O., 1917-8; co. agrl. agt., Bardstown, Ky., 1918-9; teach. voc. agr., high-schs., Ky., 1919-22; dean Sue Bennette Mem. Sch., London, Ky., 1922-3; present position, 1923-. —*b.* Georgetown, Ky., Nov. 29, 1890; *s.* Thos. Francis and Laura Daughters (Shuff) F.; reared on farm; *m.* Corinne Morehead, June 22, 1920. B.S.A., Univ. Ky., 1916.

Fisher, Charles King, ent., U. S. Dept. Agr., Box 297, Alhambra, Calif.

Asst. princ., high-sch., Blackstone, Va., 1917-8. Served in U. S. Army, 1918-9. —*b.* Rural Retreat, Va., Apr. 1, 1892; *s.* Wm. H. and Sarah (Phillipps) F.; reared on farm; *m.* Frances Marion Low, Mar. 29, 1919; *c.* Chas. K. Jr., Frances M., Wm. Douglass. B.S., Va. Poly. Inst., 1917.

Fisher, Durward Frederick, path. fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Wenatchee, Wash.

Fellow A. A. A. S. —*b.* Clarence, N. Y., Aug. 17, 1888; reared on farm; *m.* Alida Antoinette Dearborn, Mar. 31, 1914; *c.* Durward F. Jr., Ida Antoinette, Evan Dearborn, Harry Drew. B.S., Mich. Agr. Coll., 1912; M.Hort., 1917. Alpha Zeta.

Fisher, Forrest Addison, co. agrl. agt., Mt. Carmel, Ill.

Instr., Univ. Ill., 1911-20; agrl. agt. Wabash Co., 1920-. —*b.* Greeny, Ill., Sept. 25, 1888; *s.* L. A. and Catherine (Brewer) F.; reared in town; *m.* Victoria Thowen, May 17, 1912; *c.* Lewis T. B.S., Univ. Ill. Sigma Xi; Alpha Zeta.

Fisher, Martin Luther, prof. agron. in chg. dept., asst. dean Sch. of Agr., and asst. chief soils and crops, Exp. Sta., Purdue Univ., LaFayette, Ind.

Auth.: (with Cotton) Agriculture for Common Schools. —*b.* near Murray, Ind., Oct. 24, 1871; *s.* Samuel and Margaret Jane (Crawford) F.; reared on farm; *m.* Mary Ellen Fishbaugh, May 26, 1894; *c.* Beatrice Louise, Barbara Catherine. B.S.A., Purdue Univ., 1903; M.S., Univ. Wis., 1911. Alpha Zeta; Sigma Pi.

Fisher, Ora Stanley, ext. agron., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Asst. agron., Univ. Ill., 1908-12; asst. prof., 1912-5; present position, 1915-. — *b.* Washburn, Ill., Sept. 1, 1878; *s.* O.M. and Sarah F.; reared on farm; *m.* Elsie M. Taylor, June 4, 1910; *c.* John Taylor, Doris. B.S., Univ. Ill. Alpha Zeta.

Fisher, Paul, teach. voc. agr., high-sch., Jackson, Ala.

Corporal Inf., U. S. Army, World War. Traveled in Cent. Amer., 3 yrs. —*b.* Neoga, Ill., May 26, 1896; *s.* Harry and Harriet (Hockett) F.; reared on farm; *m.* Alma Gerstung, Aug. 9, 1922. B.S.A., Univ. Ill., 1920.

Fisher, Richard Cornelis, prof. dairying, Conn. Agr. Coll., Storrs, Conn.

Chem. and supt. condensed milk and milk powder factory, 1918-9; present position, 1919-; production supt. ice-cream factory, summer 1920. Pres. eastern div. Amer. Dairy Sci. Assoc. Chem. and bact. Water Tank Train, U. S. Army, 1918. *Assoc. ed.*, Journal of Dairy Science. Traveled in Europe. —*b.* Holland, July 16, 1894 (naturalized 1912); *s.* R. C. and Martha (Groenweld) F.; reared on farm; *m.* Ellen Kuhl, Sept. 4, 1919; *c.* Edwena Ruth, Richard C. B.A., Ohio State Univ., 1917; B.S.A., 1918; M.S., Cornell Univ., 1924. Theta Chi.

Fisk, Walter W., prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Auth.: (with Thom) Book of Cheese, 1918; Book of Ice-Cream, 1919. —*b.* Oswego Center, N. Y., Jan. 1, 1888; *s.* Chas. A. and Effie M. (Warner) F.; reared on farm; *m.* Susan M. Edwards, Apr. 10, 1912. B.S.A., Cornell Univ., 1910; M.S.A.

Fiske, George Burnap, market invest., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Agrl. ed., Mass. Ploughman, 1894-8; asst. ed., Farm and Home, New England Homestead, 1898-1903; ed. American Cultivator, 1903-15; editorial correspondent, Rural New-Yorker, 1915-7. Pres. New England For. Products Co., 1904-14. *Auth.*: Poultry Architecture, 1900; Poultry Conveniences, 1901; Poultry Feeding and Fattening, 1901; (co-auth.) Rhubarb Culture, 1902; Prize Gardening, 1902; Frank of Peach Hill, 1915. Traveled in Europe, 1902. —*b.* Holliston, Mass., Feb. 1, 1868; *s.* Francis F. and Ellen L. (Burnap) F.; reared on farm; *m.* Ida Amelia Leonard, Nov. 9, 1902. A.B., Boston Univ., 1890. Delta Tau Delta.

Fiske, George Walter, prof. theol., Oberlin Coll., Oberlin, O.

Ordained Congregational ministry, 1898; pastor, Huntington, Mass., 1898-1900; S. Hadley Falls, Mass., 1900-3; High St. Church, Auburn, Me., 1903-7; prof. practical theol. and religious educ., Oberlin Coll., 1907-; jr. dean, Sch. of Theol., 1908-21; Pingree Lectureship, Boston Univ., 1918. *Auth.*: Boy Life and Self Government, 1910; The Challenge of the Country, 1912; Finding the Comrade God, 1918; Community Forces for Religious Education, 1921; for Early Adolescence, 1922; Jesus' Ideals of Living, 1923; co-auth. other books. Contributor religious and sociol. magazines and writer religious educ. texts for Pilgrim Press. (Religious educ. and rural life). —*b.* Holliston, Mass., June 3, 1872; *s.* Geo. Batchelder and Ada M. (Perry) F.; reared in town; *m.* Alice M. Stewart, Aug. 1, 1898; *c.* Margaret Stewart. A.B., Amherst Coll., 1895; A.M., 1898; B.D., Hartford Theol. Sem., 1898; Ph.D., Boston Univ., 1919. Phi Beta Kappa; Phi Delta Theta.

Fiske, Nathan Milo, student and community pastor, Coll. Agr., University Farm, Davis, Calif.

Sec. and rural church survey superv., Interchurch World Movement, Spokane, Wash. (Unified rural church). —*b.* Redwing, Minn., Mar. 3, 1881; *s.* Nathan Milo and Mary H. (Smith) F.; reared in town; *m.* Eliza Hood, Aug. 8, 1905; *c.* John Hood, Ruth Mary, Katherine Esther. B.A., Carleton Coll., Northfield, Minn., 1904; grad. San Francisco Theol. Sem., 1910.

Fitch, C. L., ext. prof. of vegetables, Ia. State Coll., Ames, Ia.

Dairy farmer and creamery supt., 1893-1903; potato and sugar-beet grower, Greeley, Colo., 1903-9; potato specialist, Colo. Exp. Sta., 1909-13; ext. veg. specialist, Ia. State Coll., 1913-. Mem. Educ. Corps A. E. F.; instr. in veg. at Allerey; studied veg. production, England, France, Italy and Germany. *Auth.*: Some Women of France. (Potatoes). —*b.* Chas. City, Ia., Mar. 29, 1873; *s.* L. P. and Martha (Baker) F.; reared in town and on farm; *m.* Blanch Messinger, Sept. 1, 1900; *c.* Harvey C., Naomi O. M.A., Grinnell Coll., 1913.

Fitch, Clifford Penny, chief Div. Vet. Med., Univ. Minn., University Farm, St. Paul, Minn.

Prof. bact., Cornell Univ., 1911-7; present position, 1917-. *Auth.*: Manual of Bacteriology, 1915. —*b.* Sauquoit, N. Y., July 1, 1884; *s.* Menzo and Cora L. (Penny) F.; reared on farm; *m.* Florence Lilly Adams, July 15, 1911; *c.* Alva Farnham, Jas. Adams. B.S., Hamilton Coll., 1906; M.S., 1909; D.V.M., Cornell Univ., 1911. Phi Beta Kappa; Sigma Xi; Alpha Gamma Rho; Alpha Zeta.

Fitch, Earl Young, teach. agr., high-sch., Oil Trough, Ark.

Asst. agrl. agt. Lee Co., Ark., 1923; present position, 1924-. —*b.* Carlisle, Ark., Nov. 21, 1899; *s.* Grant Gillette and Mary (Young) F.; reared on farm. B.S.A., Univ. Ark., 1923.

Fitch, James Burgess, prof. dairy husb. in chg. dept., Kans. State Agr. Coll., Manhattan, Kans.

Asst. dairying, Kans. State Agr. Coll., 1910-1; instr., 1911-2; asst. prof., 1912-4; assoc. prof., 1914-8; prof., 1918-. Sec.-treas. Kans. State Dairy Assoc.; sec.-treas. Amer. Dairy Sci. Assoc., 1922-5. —*b.* near Huntertown, Ind., June 26, 1888; *s.* D. N. and Emma (Belle) F.; reared on farm and in town; *m.* Alice Rakestraw, Dec. 26, 1912; *c.* Wm. David, Marjory Jane, Helen Elizabeth. B.S., Purdue Univ., 1910. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Alpha Gamma Rho; Gamma Sigma Delta.

Fitch, Walter Quintin, state leader farmers insts., Purdue Univ., LaFayette, Ind.

Asst. short courses and exhibits, Purdue Univ., 1913-4; asst. ext. adminis., 1916; asst. co. agt. leader, 1920-3; present position, 1923-. Asst. supt. Intern. Grain and Hay Show, Chicago, 1919-24; asst. dir. agrl. dept., Ind. State Fair, 1922-; asst. supt. Ind. agrl. exhibit and asst. sec.-treas. to Ind. Comn. to Panama-Pacific Expos., 1915. —*b.* Spades, Ind., Nov. 1, 1886; *s.* Walter Hayes and Mary Harriett (Sunman) F.; reared on farm; *m.* Mildred Loring, 1915; *c.* Mildred. B.S.A., Purdue Univ., 1913. Alpha Zeta; Alpha Gamma Rho.

Fitts, Edward Blodgett, prof. in chg. dairy husb. ext., Penn. State Coll., State College, Pa.

With La. State Univ., 1895-6; farm manag., Conn. and N. Y., 1896-1906; asst. dairying, Conn. Agr. Coll., 1906-13; prof. dairy husb., Ore. Agr. Coll., 1913-22; present position, 1922-. —*b.* E. Windsor, Conn., Jan. 11, 1871; *s.* John F. and Mary Isabel (Osborn) F.; reared on farm; *m.* Anna M. Snow, Mar. 9, 1895; *c.* Grace Elizabeth. Grad. Conn. Agr. Coll., 1893.

Fitts, George Rowley, farmer, McLean, N. Y.

State Fair comnr.; pres. Tompkins Co. Farm Bur., 3 yrs.; pres. Tompkins Co. Dairymens League. Chm. Democratic Co. Com.; dir. First Nat. Bank, Groton. —*b.* McLean, N. Y., Oct. 6, 1888; *s.* Jerome C. and Lena E. (Hart) F.; reared on farm; *m.* Leona M. Backus, June 6, 1912; *c.* Morris Calvert, Lucile Marcia.

Fitzgerald, Nugent E., prof. agrl. educ., Univ. Tenn., Knoxville, Tenn.

Teach. rural sch., Union, Mo., 1909-10; princ. high-sch., Potosi, 1912-3; asst. bact., Univ. Mo., 1914-5; instr. agrl. educ., Univ. Tex., 1915-8; assoc. prof. agrl. educ., Tex. A. & M. Coll., 1918-9; present position, 1919-. 2d Lieut. Field Art., U. S. Army, 7 mos. —*b.* Shotwell, Mo., Apr. 18, 1891; *s.* Wm. Pierce and Lizzie E. (Henneke) F.; reared on farm; *m.* Julia Richardson, Oct. 10, 1918. B.Ped., Mo. State Normal, 1912; B.S., Univ. Mo., 1915; B.S.A., 1917. Phi Delta Kappa; Kappa Delta Phi; Phi Kappa Phi.

Fitzpatrick, Harry Morton, asst. prof. plant path., Cornell Univ., Ithaca, N. Y.

b. Greenwood, Ind., June 27, 1886; *s.* Jas. E. and Addie R. (Watson) F.; reared in town; *m.* Florence C. Fenner, Sept. 15, 1913; *c.* Hugh F., Barbara, Harold W. A.B., Cornell Univ., 1909; Ph.D., 1913. Sigma Xi.

Fitzpatrick, Walter Winston, field rep. Amer. Guernsey Cattle Club, Clemson College, S. C.

Asst. dairy agt., Southern Ry., 1913-4; chg. dairy ext., Clemson Agr. Coll. and U. S. Dept. Agr., 1914-7; prof. dairying and dairyman Exp. Sta., Clemson Agr. Coll., 1917-20; present position, 1920-. —*b.* Somerset, Ky., Jan. 17, 1890; *s.* Geo. W. and Ohio Rhoda (Maddrell) F.; reared on farm; *m.* Sue Dorothy Matthews, Mar. 23, 1915; *c.* Dorothy Lemont, Sue Winston, Rhoda. B.S.A., Univ. Ky., 1913. Alpha Zeta.

Fjeldsted, Ezra J., manag. Chamber of Commerce, Pocatello, Ida.

Field an. husb., Univ. Ida., 1915-7; Ore. Agr. Coll., 1917-20; live-stock farmer, 1920-4; superv. agrl. census, 1924. —*b.* Logan, Utah, Apr. 28, 1889; *s.* Willard Samuel and Sarah C. (Hanson) F.; reared on farm; *m.* Pauline Field, Oct. 10, 1917; *c.* Dewitton E. B.S., Univ. Ida., 1915.

Flake, Osmer Dennis, farmer and stockman, Snowflake, Ariz.

Pres. Navajo Co. Farm Bur., 4 yrs.; mem. Ariz. Legislature, 2 yrs.; 1st chm., Council Defense. —*b.* Beaver, Utah, Mar. 6, 1868; *s.* Wm. Jurden and Lucy (White) F.; reared on farm and ranch; *m.* Elsie Owens, Mar. 11, 1891; 2d, Ethel Ray; *c.* Ada, Luie, Geo., Grace, Lester, Horace, Veoma, Ross. Student Brigham Young Univ.

Flanders, George Lovell, counsel N. Y. State Div. Agr., N. Chatham, N. Y.

Princ. Madrid (N. Y.) Union Schs., 2 yrs. Asst. comnr., Dept. Agr., 28 yrs.; counsel, 6 yrs. Pres. Nat. Dairy Union, 5 yrs.; pres. Farmers Nat. Congress, 2 yrs.; pres. Nat. Assoc. Dairy and Food Comnrs., 2 yrs. —*b.* Parishville, N. Y., Feb. 29, 1856; *s.* Arthur and Mary (Lovell) F.; reared in village; *m.* Catherine S. Keller, Apr. 25, 1885; *c.* Lillian Lovell, Marian Southwick. LL.B., Albany Law Sch. Delta Upsilon.

Flanery, Charles Clarence, sheep ext. specialist, Univ. Tenn., and Chamber of Commerce, Nashville, Tenn.

Co. agrl. agt. Franklin Co., Tenn., 1915-9; instr. agr., high-sch., 1915-8; live-stock specialist, Univ. Tenn., 1920-3; present position, 1923-. Supt. live-stock dept. Tenn. State Fair, 1920-4. —*b.* Major, Ky., Apr. 10, 1888; *s.* Thos.

Jefferson and Lucy (Searey) F.; reared on farm. B.S.A., Univ. Tenn., 1915; grad. student, Univ. Ill., 1919-20. Sigma Chi.

Flanery, William L., agrl. development agt., Mo. and N. Ark. Ry., Harrison, Ark.

Asst. hort., Berea Coll., 1901-6; supt. gardens and grounds, 1907-8; asst. arboriculture, U. S. Dept. Agr., 1908-11; supt. instr. in agr., Berea Coll., 1911-5; co. agrl. agt. Fredericktown, Mo., 1917-9; Perryville, 1920-2; manag. Three Springs Fruit Farm, Bonne Terre, 1922-4; present position, 1924-. —*b.* Owsley Co., Ky., July 8, 1876; *s.* L. K. and T. J. F.; reared on farm; *m.* Eva Click, Jan. 15, 1905; *c.* M. A., Joseph E., Elizabeth, Katheryn. Grad. Berea Coll., 1911; student Univ. Wis., 1906; Univ. Tenn., 1910. Alpha Zeta.

Flansburgh, Earl Alvah, asst. co. agt. leader, Cornell Univ., Ithaca, N. Y.

Teach. rural sch., 1 yr.; Castle high-sch., 2 yrs.; co. agt., Rochester, N. H., 1917-8; Mt. Morris, N. Y., 1918-21. —*b.* N. Easton, N. Y., Sept. 5, 1891; *s.* Aaron and Elizabeth (Thompson) F.; reared on farm. B.S., Cornell Univ., 1915. Kappa Delta Rho.

Fleming, Bryant, lands. arch., Wyoming, N. Y.; branch office, Ithaca, N. Y.

With Warren H. Manning, Boston, 1901-4; private practice, 1904-; prof. in chg. dept. lands. arch., Cornell Univ., 1904-15; advisory prof., 1915-; adv. lands. arch. to Letchworth Park, Forest and Arboretum, Castile, N. Y. Fellow Amer. Soc. Lands. Arch.; mem. Amer. Inst. of Arch.; mem. Arch. League; hon. pres. Buffalo Guild of Allied Arts. Studied lands. arch. in Europe. —*b.* Buffalo, N. Y., July 19, 1877; *s.* Emmet and Mary (Harris) F.; reared in city and country. B.S.A., Cornell Univ., 1901. Delta Phi.

Fleming, Harold Dean, teach. voc. agr., high-sch., Vaughnsville, O.

b. Vincent, O., Aug. 7, 1902; *s.* Harry and Margaret (Pixley) F.; reared on farm. B.S., Ohio State Univ., 1924.

Fleming, Wesley Calvin, dir. agr., San Juan Union High-Sch., Fair Oaks, Calif.

Present position, 1921-; with Calif. Fruit Exchange, summer 1923. 2d Lieut. Officers Reserve Corps. —*b.* Manhattan, Kans., Nov. 6, 1898; *s.* R. J. and Jennie (Fry) F.; reared on farm; *m.* Mildred Dorman, June 17, 1923; *c.* Robt. Harold. B.S., Univ. Calif., 1921. Alpha Kappa Lambda.

Fleming, William Melivn, distr. agrst. for B. C. Dept. Agr., Box 235, Duncan, B. C.

Asst. field husb., Univ. Alta., May-Dec. 1919; distr. superv. agrl. instr., Duncan, B. C., 1920-2. —*b.* London, Ont., Nov. 18, 1887; *s.* Wm. Herdman and Anna Amelia (Odell) F.; reared on farm. B.S.A., Univ. Alta., 1919.

Fletcher, Ernest Franklin, co. agrl. agt., Trenton, N. C.

Teach. public schs., La., 6 yrs.; farmer, La., 3 yrs. —*b.* Montgomery, La., Dec. 8, 1889; *s.* John F. and Callie P. (Killingsworth) F.; reared on farm; *m.* Myra L. Till, June 7, 1916; *c.* J. V. B.S., La. Ind. Inst.

Fletcher, Leonard J., assoc. prof. agrl. engin., Univ. Calif., Davis, Calif.

Instr. agrl. engin., Wash. State Coll., 1915-6; instr., Univ. Calif., 1916-9; asst. prof. and head div., 1919-22; assoc. prof., 1922-. Chm. state com. on invests. dealing with relation of electricity to agr. —*b.* Chadron, Neb., May 1, 1891; *s.* Ansel and Mary Etta (Castell) F.; reared on farm and in town; *m.* Ruth Avery, June 30, 1916; *c.* Robt. Avery, Alice, L. James. B.S., Ia. State Coll., 1915. Delta Tau Delta; Alpha Zeta; Tau Beta Phi; Phi Kappa Phi.

Fletcher, Stevenson W., prof. hort., Penn. State Coll., State College, Pa.

Prof. hort., Wash. State Coll., 1900-2; prof. hort., W. Va. Univ., 1902-3; asst. prof. ext. teach. in agr., Cornell Univ., 1903-5; prof. hort., Mich. Agr. Coll., 1905-8; dir. Va. Exp. Sta., 1908-15; present position, 1916-. Orchardist, Va., 1908-15; in Pa., 1915-. *Auth.*: How to Make a Fruit Garden, 1906; Soils, 1907; Strawberry-Growing, 1917; The Strawberry in North America, 1917. (Pom.). —*b.* Littleton,

Mass., Sept. 10, 1875; *s.* Chas. K. and Anna (Holton) F.; reared on farm; *m.* Edith Augusta Wallace, June 1901 (d. 1902); 2d, Margaret Rolston, June 1906; *c.* Robt., Richard, Stevenson, Peter, John, Margaret, Emmett. B.S., Mass. Agr. Coll., 1896; M.S.A., Cornell Univ., 1898; Ph.D., 1900. Alpha Gamma Rho; Alpha Zeta; Phi Kappa Phi.

Fletcher, William Percy, minister, rural supt. Ont. Religious Educ. Council, 199 Queen St. W., Toronto, Ont.

Lect., Intern. Summer Training Sch., Lake Geneva, Wis. —*b.* Ont. Co., Ont., Dec. 8, 1871; *s.* Wm. H. and Jane (Morris) F.; reared on farm; *m.* Gertrude Gadsby, Mar. 1, 1900; *c.* Llewellyn C., Ida Pearl, Wm. G., Percy G., Geo. A. B.A., Queen's Univ., Ont., 1896.

Fling, Tracy O., teach. voc. agr., high-sch., Woodstown, N. J.

Ginseng raiser, W. Va., 12 yrs.; asst. agt., Jackson Co., 1917; co. agrl. agt., Berkeley Springs, W. Va.; teach. voc. agr., Greenbank, W. Va., 1920-2; present position, 1922-. —*b.* Burnt House, W. Va., June 16, 1891; *s.* P. J. and Lillie Belle F.; reared on farm; *m.* Mary Marguerite Bosworth, May 26, 1914; *c.* Jackson Bosworth. B.S.A., W. Va. Univ., 1917.

Flint, Edward Rawson, administrative and sci. asst., Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Asst. chem., Mass. Exp. Sta., 1887-90; commercial chem., 1892-3; asst. prof. chem., Mass. Agr. Coll., 1893-8; practiced med., 1903; acting asst. surg., Public Health Serv., Cienfuegos, Cuba, 1904; prof. chem. and chem. Exp. Sta., Univ. Fla., 1904-5; prof. chem., Univ. Fla., 1905-17; physician Ancon Hospital, Panama, summers, 1907-9; physician Red Star S. S. Line, N. Y. and Venezuela, 2 summers; present position, 1917-. —*b.* Boston, Mass., Sept. 8, 1864; *s.* Chas. L. and Ellen Elizabeth (Leland) F.; reared in city; *m.* Maude A. Hatch, Nov. 25, 1885; *c.* Chas. L., Elizabeth M., Dorothy C., Priscilla R., Edward R., Esther A. B.S., Mass. Agr. Coll., 1887; Ph.D., Univ. Goettingen, 1892; M.D., Harvard Med., 1902; LL.D., Univ. Fla., 1919. Phi Kappa Phi.

Flood, E. E., banker and stockman, Spokane, Wash.

Vice-pres. and dir. Exchange Nat. Bank, Spokane; dir. State Bank of Wisdom, Wisdom, Mont.; pres. and dir. First Exchange Nat. Bank, Coeur d'Alene, Ida. —*b.* Chicopee, Me., July 11, 1881; *s.* Allen Henry and Elizabeth (Brackett) F.; reared on farm; *m.* Pebble May Fisk, June 28, 1904; *c.* David J., Elizabeth T., E. E. Jr.

Flora, Snowden D., meteorologist, U. S. Weather Bur., Topeka, Kans.

Meteorologist, Kans. State Bd. Agr. —*b.* near Roann, Ind., May 17, 1879; *s.* John H. and Mary I. (Jack) F.; reared on farm; *c.* Mary, Gwendolyn, Mason, Esther.

Florell, Victor Homer, assoc. agron., U. S. Dept. Agr., University Farm, Davis, Calif.

Instr. high-sch., Renville, Minn., 1911-2; Gaylord, 1912-3; Cleveland, Okla., 1914-5; cereal invests., U. S. Dept. Agr.; supt. Exp. Sta., Archer, Wyo., 1915-8; Chico, Calif., 1918-21; Davis, 1921-. —*b.* Kackley, Kans., Feb. 13, 1885; *s.* John P. and Emma (Monson) F.; reared on farm; *m.* Edna Skinner, Dec. 22, 1914. BSc., Kans. State Agr. Coll., 1911; B.S.A., 1914; M.S., Univ. Calif., 1923. Sigma Xi.

Floyd, Bayard Franklin, vice-pres. and hort., Wilson and Toomer Fertilizer Co., Jacksonville, Fla.

Asst. anat., Ind. Univ., 1903-5; asst. bot., Univ. Mo., 1905-7; plant physiologist, Fla. Exp. Sta., 1907-19. Sec. Fla. State Hort. Soc., 1917-. (Citrus fruits, avocados). —*b.* Kempton, Ind., Mar. 18, 1882; *s.* Henry J. and Jennie (Melson) F.; reared on farm and in city; *m.* Dixie R. Westlake, June 30, 1910. A.B., Ind. Univ., 1905; A.M., Univ. Mo., 1907. Phi Kappa Phi.

Floyd, Kenneth B., teach. agr., high-sch., Weedsport, N. Y.

Served in U. S. Navy, World War. —*b.* Olmstedville, N. Y., Feb. 10, 1897;

s. McClellan B. and Margaret (Wilson) F.; reared on farm. B.S.A., Syracuse Univ., 1922. Theta Alpha.

Floyd, Rossie, state distr. superv. voc. agr., Cherokee, Okla.

b. Columbia, Tenn., Jan. 2, 1899; *s.* Henry W. and Idella (Dalk) F.; reared on farm and in town. B.S., Okla. A. & M. Coll., 1922. Alpha Gamma Rho.

Floyd, Wilbur Leonidas, prof. hort., Univ. Fla., Gainesville, Fla.

Princ. Clio Sch., Clio, S. C., 1888-9; Cypress Sch., Cypress, S. C., 1889-92; instr. English, E. Fla. Sem., 1892-6; prof. nat. sci., 1896-1905; prof. English and sci., Normal Dept., Univ. Fla., 1905-6; asst. prof. biol. and physics, Univ. Fla., 1906-8; prof. bot. and hort., 1908-; asst. dean Coll. Agr., 1915-. Hort. invest. in Calif., 1913. —*b.* Nichols, S. C., Apr. 6, 1866; *s.* Avery and Penelope O. (Williams) F.; reared on farm; *m.* Belva H. Thomas, Dec. 20, 1893; *c.* Mary, Belva. B.S., S. C. Military Acad., 1886; M.S., Univ. Fla., 1906.

Fluharty, Lee Wiley, farm manag. dem., Univ. Calif., Berkeley, Calif.

Asst. agrst., Off. Farm Manag., U. S. Dept. Agr., 1911-2; asst. distr. leader co. agrl. agts., Ore., Wash., Ida., 1913-4; agrst., Off. Farm Manag.. 1914-6; dir. agrl. ext., Univ. Ida., 1917-23; present position, 1923-. —*b.* Bedford, Ia., Sept. 21, 1884; *s.* Henry M. and Martha A. (Parks) F.; reared on farm; *m.* Florence Shinn, 1912; *c.* Ardith Louise. B.S.A., Univ. Ida., 1910. Beta Theta Pi.

Foard, Roy Windom, itinerant teach. training agt. in agr., Colo. Agr. Coll., Ft. Collins, Colo.

State superv. agrl. educ., N. Mex., 1921-3. In Mex. Border Serv., 1916. —*b.* Doniphan, Mo., Feb. 8, 1891; *s.* Wm. A. and Nancy (Greer) F.; reared on farm; *m.* Ruth Georgia Taylor, Dec. 31, 1922. B.S.A., Colo. Agr. Coll., 1919; M.S., New Mex. A. & M. Coll., 1920. Alpha Tau Omega; Pi Kappa Delta.

Foard, William Euphrates, co. agrl. agt., Greenville, Ill.

Asst. instr., Univ. Mo., 1913-4; instr., 1914-5; farm manag. dem., U. S. Dept. Agr. and Colo. Agr. Coll., 1915-8; Univ. Mo., 1918-20; agrl. agt., Scott Co., Mo., 1920-3; farming, O., 1923-4; agrl. agt., Bond Co., Ill., 1924-. (Farm econ.). —*b.* Doniphan, Mo., July 18, 1883; *s.* Wm. A. and Nancy (Greer) F.; reared on farm; *m.* Winona Daisy Houser, June 11, 1914; *c.* Evelyn Marie, Ruth Elizabeth, Robt. Wm., Marion Louise. B.S.A., Univ. Mo., 1913; A.M., 1914. Gamma Sigma Delta.

Foght, Harold Waldstein, pres. Northern Normal and Ind. Sch., Aberdeen, S. D.

Teach. rural and village schs., Neb., 1890-2; prof. hist. and econ., Elk Horn Coll., 1894-1900; prof. hist. and educ., Dana Coll., 1900-4; Midland Coll., 1904-9; prof. rural educ., Kirksville State Normal Sch., Mo., 1909-13; specialist rural educ., Bur. Educ., 1913-5; specialist in rural sch. practice and chief of Rural Sch. Div., Bur. Educ., 1917-9. Studied education systems of Scandinavia, Holland, Belgium, Canada, Japan. *Auth.*: The Discovery of America, 1902; Syllabus of American History, 1907; The Trail of the Loup, 1905; The American Rural School, 1908; The Country Community, 1912; Rural Denmark and its Schools, 1915; The Rural Teacher and His Work, 1918; The Educational System of Japan, 1925; contr. to Book of Rural Life, 1925. (Rural teach.-training).— *b.* Frelrikshall, Norway, Dec. 7, 1871 (immigrated 1883); *s.* E. J. and Laura (Arneberg) F.; reared on farm and in town; *m.* Alice Mabel Robbins, Dec. 28, 1897; *c.* Thelma, Margaret, Paul, Harold W. Jr. A.B., Ia. State Coll., 1897; A.M., Augustana Coll., Rock Island, Ill., 1900; grad. student Royal Frederick Univ., Copenhagen, 1900-1; Ph.D., American Univ., 1918.

Fogle, Floyd Earl, asst. prof. agrl. engin. and asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Instr., Mich. Agr. Coll., 1911-5; ext. specialist, Univ. Ill., 1916-7; farm manag. Sandusky Co., O., 1918-9; instr., Mich. Agr. Coll., 1919-20; asst. prof., 1920-. Sec. Cent. Mich. Holstein Assoc. —*b.* Benton township, Mich.,

Sept. 16, 1887; *s.* Geo. and Cynthia (Reed) F.; reared on farm; *m.* Ella Hunter, 1908; 2d Olive Belle Percival, 1919; 3d Josephine Hart, 1923; *c.* Geo. Ernest. B.S., Mich. Agr. Coll., 1918.

Folger, John Clifford, asst. sec. Intern. Apple Shippers Assoc., 522 Mercantile Bldg., Rochester, N. Y.

Sci. asst., Off. Farm Manag., U. S. Dept. Agr., 1915-7; crop specialist, Bur. Crop Estimates, 1917-9; present position, 1919-. *Auth.*: (with S. M. Thomson) The Commerical Apple Industry in North America, 1920. —*b.* Sheldon, Ia., May 28, 1894; *s.* Homer and Emma (Funston) F.; reared in country and town. B.S., Wash. State Coll., 1914; M.S., 1917. Alpha Zeta; Sigma Nu.

Folmer, Henry Daniel, farmer and agrst., W. Jefferson, O.

Grower alfalfa, 19 yrs.; crowned Corn King of Ohio, 1921. *Auth.*: Alfalfa on Wildwood Farm and How to Succeed with It, 1911. —*b.* Janesville, Wis., June 18, 1852; *s.* Geo. and Sophronia (Thrasher) F.; reared on farm; *m.* Alvira Jones, Oct. 16, 1884.

Folsom, Donald, plant path., Me. Exp. Sta., Orono, Me.

Instr. bot. and plant path., N. C. A. & M. Coll., 1917-8; asst. plant path., Me. Exp. Sta., 1918-20; assoc. plant path., 1920-3; plant path., 1923-. (Physiol. diseases of potatoes). —*b.* Henderson, Ia., Oct. 23, 1891; *s.* Artemus and Mary Ann (Van Riper) F.; reared in town; *m.* Alma O. Schulz, Aug. 20, 1914. B.A., Univ. Neb., 1912; M.A., Univ. Minn., 1914; Ph.D., 1917.

Folsom, Josiah Chase, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Farmer, Billerica, Mass., 1910-7; superv. Mt. Holyoke Coll. students war farm, 1917-9; present position, 1921-. (Hired farm labor). —*b.* Billerica, Mass., Oct. 15, 1888; *s.* Dick John and Lizzie Emma (Chase) F.; reared on farm; *m.* Flora Annie Beers, Oct. 7, 1914; *c.* Mildred Sidney. B.S., Mass. Agr. Coll., 1910; M.S., 1921.

Folsom, Justus Watson, assoc. ent., U. S. Dept. Agr., Tallulah, La.

Prof. nat. sci., Antioch, Ill., 1899-1900; instr. ent., Univ. Ill., 1900-6; assoc., 1906-8; asst. prof., 1908-23; U. S. Bur. Ent., 1925-. Fellow A. A. A. S.; Ent. Soc. Amer. *Auth.*: Entomology with Special Reference to its Biological and Economic Aspects, 1906, 3d ed., 1922. —*b.* Cambridge, Mass., Sept. 2, 1871; *s.* Jas. Nelson and Charlotte Elizabeth (Watson) F.; reared in city. Sc.B., Harvard Univ., 1895; Sc.D., 1899.

Fontaine, Charles Arthur, prof. soil tech., Inst. Agricole d'Oka, La Trappe, Que.

Prof. rural econ. and physics, Inst. Agricole d'Oka., 1918-20; soil tech., 1920-; distr. rep. for Deux-Montagnes Co., 1918-20. Sec. La Commission du Merite Agricole, 1923. Collaborator Le Journal d'Agriculture. —*b.* Rougemont, Que., Feb. 25, 1888; *s.* Hubert and Emerithe (Vigeant) F.; reared on farm. B.A. and B.S.A., Laval Univ.; M.S., Cornell Univ., 1922.

Foord, James A., head Div. Agr. and prof. farm manag., Mass. Agr. Coll., Amherst, Mass.

Asst. an. husb. and dairying, Cornell Univ., 1900-3; prof. agr., Del. Coll., 1903-6; assoc. prof. agron., Ohio State Univ., 1906-7; assoc. prof. agron., Mass. Agr. Coll., 1907-8; present position, 1908-. —*b.* Portsmouth, England, Oct. 30, 1872 (naturalized 1893); *s.* Jas. and Elizabeth Naomi (Knight) F.; reared on farm; *m.* Grace M. Law, Nov. 14, 1904; *c.* Elizabeth. B.S., N. H. A. & M. Coll., 1898; M.S.A., Cornell Univ., 1902. Sigma Xi; Phi Kappa Phi; Kappa Sigma.

Forbes, Ernest Browning, dir. Inst. An. Nutr., Penn. State Coll., State College, Pa.

Zool. asst., Ill. Biol. Sta., 1894-6; asst. to state ent. of Minn., 1897-8; acting state ent., Minn., 1901; asst. an. husb., Ill. Exp. Sta., 1901-2; instr. an. husb., Univ. Ill., 1902-3; asst. prof. an. husb., Univ. Mo., 1903-7; chief dept. nutr., Ohio Agr. Exp. Sta., 1907-20; specialist in nutr., United Chemical and Organic Products Co., 1921; Inst. Amer. Meat Packers, 1922; present position, 1922-. Fellow A. A. A. S. Pres.

Amer. Soc. An. Production, 1914-5. Major Sanitary Corps, U. S. Army, 1918-9. *Auth.*: (with M. H. Keith) A Review of the Literature of Phosphorus Compounds in Animal Metabolism. (Energy and mineral metabolism). —*b.* Normal, Ill., Nov. 3, 1876; *s.* Stephen A. and Clara Shaw (Gaston) F.; reared in town and country; *m.* Lydia M. Mather, Aug. 18, 1903; *c.* Lydia Frances, Winifred Mather, Stephen Alfred, Rosemary, Richard Mather. B.S. (Sci.), Univ. Ill., 1897; B.S. (Agr.), 1902; Ph.D., Univ. Mo., 1908. Sigma Xi; Delta Tau Delta.

Forbes, Robert Humphrey, agron., Compagnie Generale des Colonies, 282 Blvd. St. Germain, Paris, France.

Prof. chem., Univ. Ariz., 1894-9; chem. Exp. Sta., 1894-1910; dir. Exp. Sta., 1899-1918; dir. agrl. educ., 1912-5; dean Coll. Agr., 1915-8; sec. Ariz. Comn. Agr. and Hort., 1907-18; agron., Société Sultanienne d'Agriculture, Cairo, Egypt, 1918-22; Ingénieur en chef Etudes Agronomiques, Mission Niger, 1922-. Traveled in Mex., the Orient, Egypt and Palestine. (Subtrop. agr.). —*b.* Cobden, Ill., May 15, 1867; *s.* Henry C. and Mary Jane (Gorham) F.; reared on farm; *m.* Georgie Hazel Scott, 1902. B.S., Univ. Ill., 1892; M.S., 1897; Ph.D., Univ. Calif., 1916.

Forbes, Stephen Alfred, chief Ill. State Natural Hist. Survey, Urbana, Ill.

Prof. zool., Ill. State Normal Univ., 1875-8; prof. zool., Univ. Ill., 1884-1909; prof. ent., 1909-19; dean Coll. Sci., 1888-1905; Ill. state ent., 1882-1917; dir. Ill. State Lab. of Nat. Hist., 1884-1917; chief, Ill. State Nat. Hist. Survey, 1917-. Del. to Intern. Congress of Ent., Oxford, England, 1912. Awarded 1st class medal for sci. papers by Société d'Acclimatation de France. Mem. Société Entomologique de France. Served in Civil War. —*b.* Stephenson Co., Ill., May 29, 1844; *s.* Isaac Sawyer and Agnes (Van Hoesen) F.; reared on farm; *m.* Clara Shaw Gaston, 1873: *c.* Bertha, Ernest B., Winifred, Ethel. Ph.D., Ind. Univ., 1884; LL.D., Univ. Ill., 1905. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Gamma Delta.

Ford, Anson L., ext. specialist in ent. and hort., S. D. State Coll., Brookings, S. D.

Ext. specialist ent., Kans. State Agr. Coll., 1917-8; sci. asst., U. S. Dept. Agr. and Univ. Tenn., 1918-9; Purdue Univ., 1919-20; present position, 1920-. —*b.* Geneva, Ill., June 30, 1892; *s.* Geo. and Clara E. (Angle) F.; reared on farm; *m.* Evangeline Casto, July 15, 1919; *c.* Virginia Ann. B.S., Kans. State Agr. Coll., 1915; M.S., 1917. Gamma Sigma Delta.

Forman, Lee W., chief in field exp., Ia. Exp. Sta., Ames, Ia.

Present position, 1909-. (Soil fert). —*b.* Lenox, Ia., Mar. 17, 1881; *s.* Willits and Ruth (Vore) F.; reared on farm; *m.* Martha Mabel Leffler, June, 1910; *c.* Loren Verne, Mary Gail, Wallace Rex. B.S.A., Ia. State Coll., 1909; M.S., 1913. Gamma Sigma Delta; Phi Lambda Epsilon; Phi Kappa Phi.

Forster, Garnet Wolsey, head dept. agrl. econ., N. C. State Coll., Raleigh, N. C.

Instr., Univ. Wis., 1917-8; prof. agrl. econ., Univ. Ky., 1920; asst. chief Off. Farm Econ., U. S. Dept. Agr., 1920-2; econ., 1922-3; present position, 1923-. Served in A. E. F., 1918-9. —*b.* Rexton. N. B., Apr. 1, 1887 (naturalized 1918); *s.* Richard and Ester (Parsons) F.; reared in city and on farm; *m.* Florence Inez Polley, Aug. 30, 1919; *c.* Clara Margaret, Grace Elizabeth. B.S., Cornell Univ., 1914; Ph.D., Univ. Wis., 1923.

Fortier, Pascal, supt. Exp. Sta., La Ferme, Que.

b. Longueuil, Que., Apr. 19, 1878; *s.* Alfred and Emelie Fournier (Prefontaine) F.; reared in city; *m.* Annette Cherrier, Jan. 7, 1915; *c.* Gilles, Pierre, Francoise, Marc. Student Oka Agrl. Sch.

Fortin, Joseph Arthur, co. agrst., Batiscan, Que.

b. Hebertville, Que., Sept. 24, 1895; *s.* Alphonse and Marie (Tremblay) F.; reared on farm; *m.* Rachel Dolbec, Nov. 27, 1917; *c.* Jacqueline, Marie-Marthe, Paul-Marcel. B.S.A., Montreal Univ., 1915; Institute Agricole d'Oka, 1915.

Fortner, Philip Tuthill, co. agrl. agt., Thermopolis, Wyo.

Asst. co. agt., Ore., 1917; asst. state pig club agt., Ore. Agr. Coll., 1918-9; co. agt., Ida., 1919-23; Wyo., 1923-. Sergeant U. S. Marines, 1918-9. (An. husb.). —*b.* Chicago, Ill., July 28, 1894; *s.* Elbert Curch and Eva (Tuthill) F.; reared in city and country; *m.* Gertrude Leland Upton, July 26, 1923; *c.* Philip T. Jr. B.S., Ore. Agr. Coll., 1918. Alpha Zeta; Beta Theta Pi.

Fortney, Jessie Rogers, home dem. agt., Morgantown, W. Va.

Teach. public schs., W. Va., 9 yrs. —*b.* Newburg, W. Va., Aug. 15, 1893; *d.* Buckner Jay and Mary Josephine (Rogers) F.; reared on farm and in town. B.S.A., W. Va. Univ., 1922.

Fortson, Jessie Eliza, home dem. agt., Columbus, Ga.

Teach. rural and city schs. Traveled in Europe. —*b.* Muscogee Co., Ga., July 4, 1871; *d.* H. P. and Eugenia (Glenn) F.; reared on farm.

Foster, Frederic Elton, sec. N. Y. State Dept. Farms and Markets, Albany, N. Y.

Local ed. Lyons Republican; ed. Palmyra Journal; ed. and pub. Lockport Daily Journal, 1908-15; ed. staff Kingston Freeman, sec. State Defense Council, 1917-9; present position, 1922-. (Market news reporting). —*b.* Lyons, N. Y., Aug. 22, 1882; *s.* DeWitt Parshall and Martha A. (Mirick) F.; reared in town; *m.* Caroline Dickerson Hotchkiss, June 22, 1909; *c.* Mary Louise, Caroline Elizabeth, Isabelle Mirick.

Foster, John H., state for., Concord, N. H.

Instr. Lawrence Acad., Groton, Mass., 1904-5; prof. for., N. H. A. & M. Coll., 1911-5; state for. and prof. for., Tex. A. & M. Coll., 1915-8; present position, 1920-. —*b.* Waltham, Mass., Apr. 13, 1880; *s.* John and Nellie (Webster) F.; reared in small city; *m.* Mary E. Elliott, July 7, 1915 (d. 1918); 2d, Helen Clark Kelley, Aug. 10, 1922; *c.* Ruth, Elliott, John W. B.S., Norwich Univ., 1903; M.F., Yale Univ., 1907. Theta Chi; Alpha Zeta.

Foster, Leighton George, deputy comnr., Dept. Markets, Madison, Wis.

Instr., Univ. Wis., 1916-7; prof. marketing, Ia. State Coll., 1917-9; present position, 1919-. Pres. Nat. Assoc. of State Marketing Officials. —*b.* Galesville, Wis., July 28, 1890; *s.* Geo. N. and Emma (Rollins) F.; reared in city and on farm; *m.* Vera Mae Carr, Aug. 24, 1914; *c.* Eloise Jane. B.A., Lawrence Coll., 1912; M.A., Univ. Wis., 1916. Sigma Phi Epsilon.

Foster, Luella Madson, state superv. home econ., State Dept. Voc. Educ., Reno, Nev.

Teach. home econ., high-sch., Alton, Ia., 1915-7; Charles City, 1917-8; prof. home econ., N. Mex. A. & M. Coll., 1918-21; present position, 1923-. —*b.* Sexton, Ia.; *d.* Nels and Johanna (Jensen) Madson; reared in town and country; *m.* Robt. Geib Foster, June 21, 1920. B.S., Ia. State Coll., 1915. Alpha Gamma Delta; Omicron Nu.

Foster, Robert Geib, asst. dir. and assoc. prof. agrl. ext., Univ. Nev., Reno, Nev.

Co. ext. work, Colfax Co., N. Mex., 1916-8; state club leader, N. Mex., 1919-20; asst. boys and girls club work, U. S. Dept. Agr., 1920-2; present position, 1922-. —*b.* Little Rock, Ark., Nov. 18, 1895; *s.* Robt. B. and Minnie E. (Geib) F.; reared in city and country; *m.* Luella E. Madson, June 21, 1920. B.S.A., N. Mex. A. & M. Coll., 1919.

Foster, William Arthur, asst. prof. rural arch., Univ. Ill., Urbana, Ill.

Teach. public schs., 1907-12, 1915-7; asst. and asst. chief agrl. engin. sect. Exp. Sta., Ia. State Coll., 1917-23; prof. engin., Univ. Ga., 1923-4; present position, 1924-. 2d vice-pres. Amer. Soc. Agrl. Engin., 1924-5. *Auth.* (with Carter): Farm Buildings, 1922. —*b.* Somerset, O., May 11, 1884; *s.* David Sult and Matilda (Love) F.; reared on farm; *m.* Myrtle Frances Wright, Aug. 21, 1909; *c.* Geo. David, Anna Margaret, Myrtle Marie. B.S., Ohio

State Univ., 1914; B.. Arch., 1915; A.E., 1923. Gamma Sigma Delta; Phi Kappa Phi.

Foust, Harry Lewis, asst. prof. vet. sci. and asst. vet. Exp. Sta., N. D. Agr. Coll., Agricultural College, N. D.

Asst. prof. vet. sci., N. D. Agr. Coll., 1916-; asst. vet. Exp. Sta., 1918-. (Vet. anat.). —*b.* Beaverdam, O., Mar. 22, 1886; *s.* Wm. Edgar and Lydia (Augsburger) F.; reared on farm. D.V.M., Ohio State Univ., 1914. Omega Tau Sigma.

Fouts, Kenneth Clay, co. ext. agt., W. Point, Neb.

Teach. agr. and athletics, high-sch., Elk Point, S. D., 1915-7. From Private to 1st Lieut. Air Serv., U. S. Army. (An. husb.). —*b.* Diller, Neb., Mar. 12, 1892; *s.* Jesse Wm. and Elizabeth Jane (Madden) F.; reared in village; *m.* Jessie Margaret Bridenbaugh, Jan. 1, 1919. B.Sc., Univ. Neb., 1915.

Fowler, M. Maud, nat. sec. rural communities dept., Y. W. C. A., 308 N. Michigan Ave., Chicago, Ill.

Head hist. dept., Cent. Coll. for Women, Lexington, Mo., 1912-5; teach. public schs., 1915-9; present position, 1919-. —*b.* near Brooklyn, Ill., Jan. 24, 1888; *d.* John C. and Alice (Glandon) F.; reared on farm. A.B., Wesleyan and Hedding Coll.

Fowler, William L., co. agrl. agt., Okmulgee, Okla.

Asst. prof., Univ. Ariz., 1909-13; prof. an. husb., Univ. Ark., 1913-4; Okla. A. & M. Coll., 1914-7; farmer, Gibson Co., Tenn., 1917-20; agrl. agt. Bedford Co., Tenn., 1920-4; agrl. agt. Okmulgee Co., Okla., 1925-. (An. husb.). —*b.* Kenton, Tenn., Oct. 23, 1886; *s.* R. E. and Sally (McCrory) F.; reared on farm; *m.* Edna Patterson, Dec. 22, 1915; *c.* John Edwin, Wm. L. Jr. B.S.A., Univ. Mo., 1909.

Fox, Cyrus T., journalist, Reading, Pa.

City ed., Reading Times, 1872-87; ed. and business manag., Reading Daily Review, 1897-9; manag. Reading News Bur., 1887-1904. State pom., Pa., 1877-1904; insp. Div. Zool., Penn. Dept. Agr., 9 yrs.; lect. and manag. farmers insts., in first season, 1888-9. Trustee Penn. State Coll., 1890-1903. Sec. Berks Co. Agr. and Hort. Soc., 27 yrs.; sec. Penn. State Hort. Assoc., 1897 and 1898; pres. Penn. State Editorial Assoc., 1902; one of the organizers of the Nat. Editorial Assoc. at Cincinnati, 1885. Manag. Chesterwood Exp. Farm and Gardens, Lancaster Co., Pa., 1865-72; supt. hort. for Pa., at the St. Louis Expos., 1904; sec. World's Fair Assoc. of Supts. of Hort.; sec. Hist. Soc. of Berks Co., 1919-; dir. Huguenot Soc. of Pa.; chm. General War History Com. of Berks Co., Pa. *Auth.*: Early Ironmasters of Pennsylvania. —*b.* Reading, Pa., Mar. 12, 1847; *s.* Frederick and Sarah (Soder) F.; reared in city and on farm; *m.* Tillie S. Shartle, Jan. 7, 1875; *c.* Frederick S., Cyrus Garfield, Paul E.

Fox, Daniel Scott, head dept. agr., Pasadena High-Sch. and Jr. Coll., Pasadena, Calif.

Instr. Cornell Univ., 1913-6; asst. prof. farm manag., Mont. State Coll., 1916-7; asst. prof. agron., Penn. State Coll., 1917-20; farm adv. San Bernardino Co., Calif., 1920-1; present position, 1921-. —*b.* Avoca, N. Y., Aug. 31, 1888; *s.* Emerson E. and Jennie (Scott) F.; reared on farm; *m.* Grace Fordyce, June 30, 1915; *c.* Dorothy Elizabeth. B.S., Cornell Univ., 1913; Ph.D., 1918. Sigma Xi.

Fox, Kirk, assoc. ed. Successful Farming, 4611 Boulevard Pl., Des Moines, Ia.

Assoc. ed. Kimballs Dairy Farmer, 1920-2; present position, 1922-. Lieut. Air Serv., U. S. Army, 1917-9. —*b.* Ia., Nov. 7, 1892; *s.* B. K. and Eva (Farrington) F.; reared on farm; *m.* Edith Kyhl, Oct. 10, 1920; *c.* Kirk Jr., John. B.S., Ia. State Coll., 1920. Theta Delta Chi; Alpha Zeta; Sigma Delta Chi; Gamma Sigma Delta.

Fracker, Stanley Black, state ent., Dept. Agr., Madison, Wis.

Asst. zool., Univ. Mich., 1910-1; instr. zool., Ia. State Coll., 1911-2; instr. econ. ent., Univ. Wis., 1914-5; asst. state ent., Wis., 1915-8; acting

state ent., 1918-20; state ent., 1920-. Fellow A. A. A. S. Sec. Amer. Honey Producers League. —*b.* Ashton, Ia., Apr. 8, 1889; *s.* Geo. H. and Nettie (Black) F.; reared in town; *m.* Grace Parker, Sept. 10, 1914; *c.* Doris Margaret, Alice Lorraine, Janet Marie. A.B., Buena Vista Coll., 1910; M.S., Ia. State Coll., 1912; Ph.D., Univ. Ill., 1914. Sigma Xi; Phi Kappa Phi.

Frame, Nat Terry, dir. agrl. ext., Univ. W. Va., Morgantown, W. Va.

Asst. supt., Geo. Junior Republic, 1900-2; farmer, 1902-13. Sec. Eastern Fruit-Growers Assoc.; field sec. Amer. Country Life Assoc.; pres. W. Va. Beautification Conference; mem. com. on agr., Kiwanis Intern.; mem. Town and Country Comn., Y. M. C. A.; exec. com. W. Va. Tuberculosis Assoc.; sec. W. Va. Municipal League; chm. ext. com. W. Va. Univ. —*b.* Depauville, N. Y., Feb. 25, 1877; *s.* Silas W. and Antonette (Terry) F.; reared on farm and in village; *m.* Grace Boomer, 1900; *c.* Luke W., Robt. N., Wm. S. A.B., Colgate Univ., 1899. Phi Kappa Psi.

France, James Glenn, co. agrl. agt., Chamber of Commerce, San Diego, Calif.

Supt. Stuart Acres Farms, Marshall, Mich., 1911-7; agrl. agt. Chesapeake and Ohio Ry., Richmond, Va., 1917-8; supt. Fontana Farms Co., Fontana, Calif., 1918-20; present position, 1920-. —*b.* Sycamore, Ill., Mar. 19, 1885; *s.* Parvin M. and Clara Elizabeth (Miller) F.; reared in town and country; *m.* Frances M. Main, June 22, 1911; *c.* Marian Louise, Allan M., Harriet Elizabeth. B.S., Mich. Agr. Coll., 1911. Alpha Zeta.

Francis, Irvin Torrence, co. agrl. agt., Caldwell, N. J.

Farmer, Greenwich, N. Y., 1913-5; teach. agr., high-sch., Leroy, 1916-8; farmer, N. Caldwell, N. J., 1923-. —*b.* Shamokin, Pa., Mar. 3, 1883; *s.* Jas. A and Julia (Harmon) F.; reared on farm and in town. B.A., Cornell Univ., 1912. Kappa Delta Rho.

Francis, Julia Kathryn, home dem. agt., Trenton, N. J.

Asst. head worker, Social Serv. League, Ithaca, N. Y., 1916-7; teach. home-making, Ballston Lake, Burnt Hills, 1917-8; teach. dom. sci., high-sch., Mt. Carmel, Pa., 1918-20; Shamokin, 1920-1; present position, 1921-. Chm. Home Dem. Agts. of N. J., 1924. —*b.* Shamokin, Pa., July 23, 1894; *d.* Harry M. and Eliza (Berry) F.; reared in town and country. B.S., Cornell Univ., 1916.

Frandsen, Julius Herman, dairy ed. and counselor, Capper Publications, Lincoln, Neb.

Instr. agrl. chem., Ia. State Coll., 1902-4; commercial work, 1904-7; prof. dairying, Univ. Ida., 1907-11; prof. dairy husb., Univ. Neb., 1911-21; present position, 1921-. Del. Amer. Assoc. Agr. Colls., 1909; Northwest Rural Life Comn., from Ida. Pres. Official Dairy Instrs. Assoc., 1913-4; pres. Neb. State Dairymens Assoc., 1916. Chm. dairy com., Fed. Food. Adminis. for Neb., 1917-. *Auth.*: (with Markham) The Manufacture of Ice Creams and Ices, 1916. *Ed.* in-chief, Journal of Dairy Science. —*b.* Story City, Ia., Apr. 28, 1877; *s.* Andrew Christian and Anna (Hermansen) F.; reared on farm; *m.* Matilda Madsen, Aug. 9, 1906; *c.* Julius Herman Jr., Dorothy Evelyn, Dana Christian. B.S.A., Ia. State Coll., 1902; M.S.A., 1904. Phi Kappa Phi; Gamma Sigma Delta.

Frank, Arthur, plant path., W. Wash. Exp. Sta., Puyallup, Wash.

b. Newport, R. I., Feb. 5, 1885; *s.* J. L. and Elizabeth E. (Burdick) F.; reared in town and on farm. B.S., Ore. Agr. Coll., 1915.

Franke, Paul Richard, instr. voc. agr. and princ. high-sch., Mancos, Colo.

Farmer, 10 yrs.; supt. Equity Creede Mining Co., Colo., 3 yrs.; present position, 1922-. Sergeant-Major U. S. Army, 1917-8. —*b.* Leipzig, Germany, Mar. 18, 1891 (naturalized 1913); *s.* Carl and Emily (Grosse) F.; reared on farm and in city; *m.* Elizabeth Pownall, Dec. 20, 1921; *c.* Paul R. Jr., Ruth Emily. B.S. Colo. Agr. Coll., 1921. Alpha Zeta; Sigma Phi Epsilon.

Franklin, Henry James, supt. Cranberry Exp. Sta., E. Wareham, Mass.

Instr. ent., Univ. Minn., 1908-9; present position, 1909-. (Ent.). —*b.* Guilford, Vt., Feb. 10, 1883; *s.* Jas. Henry and Emma Mary (Franklin) F.; reared on farm; *m.* Esther M. Smith, Nov. 28, 1918. B.S., Mass. Agr. Coll., 1903; Ph.D., 1908.

Fraps, George Stronach, state chem. and chief div. chem., Tex. Agr. Exp. Sta., College Station, Tex.

Asst. prof. chem., N. C. A. & M. Coll., 1899-1903; asst. chem., N. C. Exp. Sta., 1899-1903; asst. chem., Tex. Exp. Sta., 1903-4; assoc. chem., 1904-5; chem., 1905-; assoc. prof. chem., Tex. A. & M. Coll., 1906-13; state chem. of Tex., 1905-; chem. Feed Control, 1905-. Fellow A. A. A. S. *Auth.*: Principles of Dyeing, 1903; Principles of Agricultural Chemistry, 1913, rev., 1917. (Soil fert., productive value of feeds). —*b.* Raleigh, N. C., Sept. 9, 1876; *s.* Anton Wenzel and Margaret Elizabeth Lumley (Stonebanks) F.; reared in city; *m.* Ellen Hale Saunders, June 17, 1903; *c.* Geo. S. Jr., Mary Brandon, Richard Saunders. B.S., N. C. A. & M. Coll., 1896; Ph.D., Johns Hopkins Univ., 1899. Phi Beta Kappa.

Fraser, Allan Cameron, asst. prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Instr. hort., Columbia Univ., 1913-4; instr. plant-breeding, Cornell Univ., 1914-9; asst. prof., 1919-. Regtl. Sergeant-Major, Field Art., U. S. Army. —*b.* Brockport, N. Y., June 4, 1890; *s.* John T. and Louise (Telfair) F.; reared in town; *m.* Helen Parker Myers, Sept. 5, 1917; *c.* Helen Margaret. B.S., Cornell Univ., 1913; Ph.D., 1918. Sigma Xi.

Fraser, Claud K., teach. voc. agr., high-sch., Cotulla, Tex.

b. Moody, Tex., Sept. 16, 1896; *s.* John and Minnie (Meacham) F.; reared on farm. B.S., Tex. A. & M. Coll.

Fraser, Samuel, fruit-grower, nurseryman, farmer, Geneseo, N. Y.

Asst. agr., Cheshire Agr. Coll., England, 1896-8; agrst., Sch. Practical Agr. and Hort., Briarcliff Manor, N. Y., 1900-3; asst. agron. and instr., Cornell Univ., 1903-6. Fellow A. A. A. S.; Highland and Agrl. Soc., Scotland. Ex. vice-pres. N. Y. State Hort. Soc.; ex. vice-pres. N. Y. State Agrl. Soc. *Auth.*: The Potato, 1905; Wholesale Distribution of Fresh Fruits and Vegetables (with R. G. Phillips), 1922; American Fruits, 1924. (Transportation and distribution of fruits and vegetables). —*b.* Cheadle, Cheshire, England, Feb. 2, 1876; *s.* John and Frances Catherine (Widdison) F.; reared in small town; *m.* Nicolas M. Shaw, Aug. 26, 1903; *c.* Rachel Shaw. Grad. Cheshire Agr. Coll., England, 1898; diploma Highland and Agrl. Soc., Scotland, 1898; diploma Royal Agrl. Soc., England, 1898; nat. diploma in dairying, Great Britain, 1898; M.S.A., Cornell Univ., 1905. Sigma Xi.

Fraser, Wilber John, prof. dairy farming and chief Exp. Sta., Univ. Ill., Urbana, Ill.

Asst. agrst., Ill. Exp. Sta., 1895-6; instr. dairy husb., 1896-1901; present position, 1901-. Studied dairy farming in Europe. Farm operator. —*b.* Lockport, Ill., July, 1869; *s.* John A. and Mary A. (Van Horn) F.; reared on farm; *m.* Alice M. Eaton, Sept. 13, 1894; *c.* Cecil E., Gladys C. B.S., Univ. Ill., 1893; M.S., 1902; student agrl. econ., Harvard Univ., Sept., 1915-Feb., 1917. Sigma Xi.

Frazier, George Clark, teach. agr., high-sch., Cumberland, Va.

Farm manag., Jonesville, Va., 1920-1; princ. Lorn Gap graded sch., 1921-2; teach. agr., high-sch., Ewing, 1922-4; Cumberland, 1924-. —*b.* Jonesville, Va., Aug. 28, 1899; *s.* H. T. and Emma (Collier) F.; reared on farm. B.S., Va. Poly. Inst., 1920.

Frear, Dana Walter, ext. assoc. prof. field crops, Univ. Mo., Columbia, Mo.

Field agt., Bur. Plant Ind., 1908, Bur. Statistics, U. S. Dept. Agr., 1909; instr. to assoc. prof. agron., Colo. Agr. Coll., 1909-13; state leader co. agrl. agts., 1912-5; asst. to dir., N. D. Exp. Sta. and ext. div., 1915-8; agrst., Bur. Plant Ind., 1918-21; present position, 1921-. Sec.-treas. Nat. Agr. State

Leaders Assoc., 1913-5. *Ed.*, Minnesota Farm Review, St. Paul, 1908-9. —*b.* Minnetonka, Minn., Mar. 10, 1884; *s.* Walter Scott and Clara E. (Chase) F.; reared on farm and in town. B.S.A., Univ. Minn., 1909; M.S., 1915. Sigma Xi; Alpha Zeta.

Frear, William, prof. expl. agrl. chem., Penn. State Coll., State College, Pa.; Mar. 24, 1860-Jan. 7, 1922. See Rus 1920.

Fred, Edwin Broun, prof. agrl. bact., Univ. Wis., Madison, Wis.

b. Middleburg, Va., Mar. 22, 1887; *s.* Samuel Rogers and Catherine (Conway) F.; reared on farm; *m.* Rosa Helen Parrott; *c.* Ann Conway. B.S., Va. Poly. Inst., 1907; Ph.D., Univ. Goettingen, 1911.

Free, Martin Estis, teach. agr. and co. supt. schs., Clarksville, Ga.

Princ. high-sch., Providence, Ga., 1912-4; Stellaville, 1914-6; teach. agr. and princ., Dawsonville, 1916-9; Mechanics 9th A. & M., 1919-22; Hollywood, 1922-4; co. supt. schs., 1924-. Sec.-treas. Hollywood Veg. Growers; sec.-treas. College Park Farmers Union, Clarksville. —*b.* Clarksville, Ga., Aug. 31, 1877; *s.* Louis L. and Mary A. F.; reared on farm; *m.* Martha Elizabeth Blalock, May 24, 1903; *c.* Carl B., Pearl E., Mary E., Irma W., Martha M.

Freeborn, Stanley Barron, asst. prof. ent., Univ. Calif., Davis, Calif.

Instr. ent., Univ. Calif., 1914-8; asst. prof., 1918-. Vice-chm. Pacific Slope branch Amer. Assoc. Econ. Ent., 1924-5. Asst. sanitary insp., Port of Embarkation, Newport News, Va. (Parasitology). —*b.* Hudson, Mass., Dec. 11, 1891; *s.* Frank K. and Addie (Houghton) F.; reared in town; *m.* Mary Chase, Mar. 15, 1917; *c.* Stanley B. Jr., Joyce. B.S., Mass. Agr. Coll., 1914; Ph.D., 1924.

Freeman, Edward Monroe, prof. plant path. and bot. and dean Coll. Agr., For. and Home Econ., Univ. Minn., St. Paul, Minn.

Instr. bot., Coll. Pharmacy, Univ. Minn., 1898-1901; asst. prof. bot., Coll. Sci. and Arts, 1902-5; path., Bur. Plant Ind., Washington, 1905-7; prof. plant path. and bot., Coll. Agr., Univ. Minn., 1907-; asst. dean, Dept. Agr., 1913-7; dean Coll. Agr., For. and Home Econ., 1917-. Fellow A. A. A. S. Pres. Amer. Phytopath. Soc., 1918. *Auth.*: Minnesota Plant Disease, 1905. (Cereal path. and dendropath.). —*b.* St. Paul, Minn., Feb. 12, 1875; *s.* Henry and Sybilla (Jenni) F.; reared in country and city; *m.* Grace D. Studeman, Aug. 19, 1902; *c.* Monroe Edward. B.S., Univ. Minn., 1898; M.S., 1899; Ph.D., 1905; student Cambridge Univ., England, 1 yr. Phi Beta Kappa; Sigma Xi; Gamma Alpha; Gamma Sigma Delta.

Freeman, George Elbert, teach. voc. agr. and princ. high-sch., Henry, Tenn.

Teach. voc. agr., McLemonsville Collegiate Inst., 1918-23; present position, 1924-. —*b.* Princeton, S. C., Oct. 31, 1896; *s.* Wm. Irving and Mary (Reames) F.; reared on farm. B.S.A., Clemson Agr. Coll., 1918; M.S., Univ. Wis., 1924. Phi Delta Kappa.

Freeman, George F., dir. general, Service Technique du Département de l'Agriculture et de l'Enseignement Professionnel, Port au Prince, Haiti.

Asst. bot., Mass. Agr. Coll., 1903-4; asst. and asst. prof. bot., Kans. State Agr. Coll., 1904-9; plant-breeder, Univ. Ariz., 1909-18; acting dean and dir. Coll. Agr., Univ. Ariz., 1915-6; plant geneticist and bot., Société Sultanienne d'Agriculture, Cairo, Egypt, 1918-21; chief div. cotton breeding, Tex. Agr. Exp. Sta., 1921-3; agrl. and econ. mission to Indo-China, 1923; present position, 1923-. —*b.* Leesburg, Ala., Nov. 4, 1876; *s.* Geo. Washington and Laura Caroline (Nuckols) F.; reared on farm; *m.* Loua Adelle Blachly, July 18, 1906; *c.* Eleanor Adelle, Geo. Donald. B.S., Ala. Poly. Inst., 1903; Sc.D., Harvard Univ., 1917.

Freeman, Sherman H., teach. agr., high-sch., Perris, Calif.

Served in Marine Corps, World War. —*b.* San Diego, Calif., May 25, 1897; *s.* Jacob H. and Mary L. (Ross) F.; reared in country; *m.* Dora Jane Snapp, June 21, 1921. Grad. Univ. Farm Sch.

French, Alfred Llewellyn, farmer and breeder Aberdeen-Angus cattle, Cascade, Va.

Vice-pres. N. C. Beef Breeders and Feeders Assoc.; pres. Carolina Aberdeen-Angus Breeders Assoc. Lect. on live-stock and farm subjects. Contributing ed., Progressive Farmer. —*b.* Wakeman, O., Nov. 10, 1869; *s.* Llewellyn and Lydia (Furis) F.; reared on farm; *m.* Hattie Van Fleet, Dec. 25, 1895; *c.* Gaylord H., Ellen L., Annie Crane, Cordelia M.

French, Hiram T., dir. ext., Colo. Agr. Coll., Fort Collins, Colo.; Oct. 1, 1861-Nov. 5, 1922. See Rus 1920.

French, Walter Hiram, prof. agrl. educ., Mich. Agr. Coll., E. Lansing, Mich.; Jan. 28, 1862—Jan. 1, 1924. See Rus 1920.

French, Willard Kyte, teach. agr., North High-Sch., Worcester, Mass.

Asst. prof. pom., Mass. Agr. Coll., 1920-3; present position, 1923-. Fruit-grower, Sterling, 1912-. —*b.* Hanover, N. H., Feb. 15, 1897; *s.* Arthur Willard and Varrie (Kyte) F.; reared in city and on farm; *m.* Louise G. Morse, June 18, 1921; *c.* Elizabeth Morse, Carolyn Louise. B.S., Mass. Agr. Coll., 1919. Phi Kappa Phi.

Frew, James Edward, teach. voc. agr., high-sch., Clyde, O.

Teach. agr., high-sch., Tiro, 1922-4; Clyde, 1924-. —*b.* Coshocton, O., Apr. 11, 1901; *s.* Edward Sturgis and Elizabeth J. (Stewart) F.; reared in town; *m.* Josephine Persing, May 16, 1923; *c.* David Edward. B.S.A., Ohio State Univ., 1922.

Friant, Ray Jerome, co. agrl. agt., Berkeley Springs, W. Va.

Asst. prof. agron., Univ. Del., 1919-20; asst. co. agt., Mo., 1920-1; agrl. agt. Morgan Co., W. Va., 1922-. (Agron.). —*b.* Scranton, Pa., Aug. 5, 1891; *s.* Bentley Powers and Lillie (Stevens) F.; reared in city and country; *m.* Clara Drusch, 1919. B.S., Penn. State Coll., 1916.

Fricke, Richard Felix, co. agrl. agt., 91 Newman Pl., Buffalo, N. Y.

Asst. co. rep., N. Y. State Food Supply Com., Chautauqua Co., 1917; farmer, Bemus Pt., 1917-8; asst. agrl. agt. Niagara Co., 1919; agrl. agt. Clinton Co., 1920; Erie Co., 1921-. —*b.* Buffalo, N. Y., June 28, 1896; *s.* Richard and Emily (Kunze) F.; reared on farm and in village; *m.* Julia S. Cooper, Dec. 30, 1919; *c.* Richard Irving. B.S., Cornell Univ., 1917.

Friend, William Heartsill, supt. Valley Exp. Sta., Weslaco, Tex.

Instr. voc. agr., high-sch., Rio Hondo, Tex., 1922-3; present position, 1923-. Served in A. E. F., 1918-9. —*b.* Marshall, Tex., Oct. 31, 1898; *s.* Chas. Cox and Maud (Heartsill) F.; reared in town. B.S.A., Tex. A. & M. Coll., 1921.

Fries, Jons August, asst. dir., Inst. of An. Nutr., Penn. State Coll., State College, Pa.

Asst. chem., Penn. Exp. Sta., 1889-98; expert asst. in an. nutr., 1898-1908; present title, 1908-. —*b.* Halsinborg, Sweden, Aug. 31, 1863 (naturalized 1892); *s.* Rasmus and Anna Sophia (Fries) Larson; reared in small town. B.S., Penn. State Coll., 1899; M.S., 1906; studied Halle, Germany, 1894; Bonn and Leipzig, 1904 and Zurich, Switzerland, 1905.

Frisbie, Lucius I., state leader boys and girls clubs, Univ. Neb., Lincoln, Neb.

Instr. high-sch., Geneva, Neb., 1908-10; princ. high-sch., Superior, 1910-2; instr. high-sch., Council Bluffs, Ia., 1913; supt. schs., University Place, Neb., 1913-8; asst. state club leader, Univ. Neb., 1918-9; club leader, 1919-. —*b.* Red Cloud, Neb., July 16, 1887; *s.* I. and Anne (Cory) F.; reared on farm; *m.* Ella Husted, 1912; *c.* Lawrence. B.Sc., Neb. Wesleyan Univ., 1908.

Frisbie, Sayer Loyal, ed. The Citrus Industry, Tampa, Fla.

Ed. newspapers, Ia., Kans., Miss., La., Tex., Fla.; formerly ed. Gulf Coast Farmer, Beaumont, Tex. —*b.* Owasco, Ia., Sept. 11, 1866; *s.* Morris and Arlette (Griffin) F.; reared on farm and in town; *m.* Emma Robison, Nov. 16, 1887; *c.* S. Lloyd.

Fristoe, Harry Waite, ext. hort., La. State Univ., Baton Rouge, La.

Ext. serv., Univ. Md., 1917-8; dept. educ., Va., 1919-20; ext. hort., Miss. A. & M. Coll., 1921-3; present position, 1924-. —*b.* Petersburg, Va., June 29, 1896; *s.* Ashby Jackson and Bertie (Lewis) F.; reared on farm and in town; *m.* Josephine Hart, Dec. 28, 1917; *c.* Ashby, Harry, Claire, Allan. B.S., Univ. Md., 1917.

Fritts, Thomas Albert, asst. prof. agrl. educ., Univ. Ark., Fayetteville, Ark.

Mem. Co. Examination Bd., Denton, Tex., 1913-4; teach. agr., high-sch., 1914-9; instr., Tex. A. & M. Coll., 1920-2; prof. agr., W. Tex. State Teach. Coll., 1922-3; present position, 1923-. —*b.* Kingston, Tenn., Feb. 3, 1886; *s.* John Henry and Matilda Caroline (Hood) F.; reared on farm; *m.* Virginia Dilla Wright, Jan. 8, 1910. Grad. N. Tex. State Teach. Coll., 1913; B.S., Tex. A. & M. Coll., 1921; M.S., 1922.

Fritz, Emanuel, asst. prof. for., Univ. Calif., Berkeley, Calif.

Instr. engin., Baltimore Poly. Inst., 1908-12; for. asst., N. H. For. Comn., 1914-5; asst., U. S. For. Serv., 1915-7; present position, 1919-. 1st Lieut. to Capt., Air Serv., 1917-9; with A. E. F., 1918-9; —*b.* Baltimore, Md., Oct. 29, 1886; *s.* John Geo. and Rosa (Trautwein) F.; reared in city; *m.* Esther Clare Phillips, Dec. 9, 1917; *c.* Edith Roberta, Barbara Elizabeth. M.E., Cornell Univ., 1908; M.F., Yale Univ., 1914. Sigma Xi.

Fromme, Fred Denton, prof. plant path. and path. Exp. Sta., Va. Poly. Inst., Blacksburg, Va.

Asst. bot., Columbia Univ., 1911-3; asst. bot., Purdue Exp. Sta., 1913-5; present position, 1915-. Fellow A. A. A. S. Mem. bd. of govs., Crop. Protection Inst., 1921-4; vice-pres. Amer Phytopath. Soc., 1923, pres., 1924. —*b.* St. Paris, O., Apr. 2, 1886; *s.* Frank W. and Stella (Riker) F.; reared in city; *m.* Bess Fridley, June, 1913; *c.* Jean Louise, Anne, Barbara. B.S., S. D. State Coll., 1911; Ph.D., Columbia Univ., 1914. Sigma Xi; Phi Kappa Phi.

Frost, Ellis Mark, instr. voc. agr., high-sch., Clarita, Okla.

Supt. schs., Taloga, Okla., 1900-3; co. supt. schs., Dewey Co., Okla., 1903-11; Tryon, 1912-3, 1916-8; pres. Secondary State Sch. Agr., Lawton, 1913-4; Stillwater, 1918-9; Canton, 1919-20; Wellston, 1920-2; supt. schs., Norfolk, 1922-4; instr. Cent. State Normal Sch., summer 1919; student-teach., Okla. A. & M. Coll., 1921-2; present position, 1924-. —*b.* Hillsboro, Ia., June 23, 1869; *s.* Wm. Henry and Inez (Lindsay) F.; reared on farm; *m.* Laura Launa Lovette, May 17, 1895; *c.* John Alexander, Reuben Lovette, Ellis M. Jr. Life diploma Okla. State Normal Sch., 1900; B.S., Okla. A. & M. Coll., 1922; M.S., 1924.

Frost, Harold Locke, farmer, Arlington, Mass.

Farmer, Lincoln, Mass., 10 yrs., Richmond, Mass., 4 yrs., Littleton, 1909-; Sask, Canada, 1911-. Dir. Menotomy Trust Co., Arlington; pres. Frost Insecticide Co.; trustee Mass. Agr. Coll., 1910-; pres. Mass. Fruit Growers Assoc.; vice-pres. Middlesex Co. Farm Bur.; mem. exec. com., Mass. For. Assoc. Hospital farm serv. in France under Amer. Red Cross; chief agrl. div. on war damages in allied countries, Amer. Peace Comn., 1919. (Fruit-growing and spraying). —*b.* Belmont, Mass., Aug. 15, 1875; *s.* Sylvester C. and Alice (Locke) F.; reared on farm; *m.* Sophia Wood Freeman, Dec. 31, 1901; *c.* Edmund L., Alice L., Freeman W. B.Sc., Mass. Agr. Coll., 1895. Phi Sigma Kappa.

Frost, Howard Brett, asst. plant-breeder, Univ. Calif., Citrus Exp. Sta., Riverside, Calif.

Instr. and asst. plant-breeding, Grad. Sch. Trop. Agr. and Citrus Exp. Sta., 1913-7; instr., 1917-20; res. assoc., 1920-2; assoc. plant-breeder, 1922-5; asst., 1925-. (Citrus and Matthiola). —*b.* Dairyland, N. Y., Sept. 28, 1881; *s.* Geo. Todd and Helena (White) F.; reared on farm; *m.* Olive Hartwig, Sept. 1, 1915; *c.* Robt. Hartwig, Caroline Warren. B.S.A., Cornell Univ., 1908; M.S.A., 1910; Ph.D., 1913. Sigma Xi.

Frost, Norman, prof. rural educ., Geo. Peabody Coll. for Teachers, Nashville, Tenn.

Princ. public sch., Fountain, Minn., 1909-10; supt. schs., Stephen, Minn., 1910-2; specialist, U. S. Bur. Educ., 1913; distr. supt. schs., Waterbury, Vt., 1913-6; present position, 1917-. Chm. com. on constructive studies, rural dept., Nat. Educ. Assoc. *Auth.*: A Comparative Study of Achievement in Country and Town Schools; A Statistical Study of Schools in the Southern Appalachians. —*b.* Oberlin, O., June 23, 1887; *s.* Wm. G. and Louise (Raney) F.; reared in small town; *m.* Anna Martha Cooper, Aug. 30, 1921; *c.* Norman Cooper. B. A., Oberlin Coll., 1909; M.A., Columbia Univ., 1914; Ph.D., 1921. Phi Delta Kappa.

Frost, Stuart Ward, assoc. prof. ent. res., Penn. State Coll., Arendtsville, Pa.

Asst. ent., Cornell Univ., 1916; instr., Penn. State Coll., 1918-9; asst. prof., 1919-. (Dipterous leaf-miners). —*b.* Tarrytown, N. Y., Dec. 4, 1891; *s.* Homer R. and Josephine F. (Carpenter) F.; reared in town; *m.* Anna M. Jenks, Nov. 12, 1917. B.S., Cornell Univ., 1915. Sigma Xi.

Frost, William Dodge, prof. agrl. bact., Univ. Wis., Madison, Wis.

Asst. Minn. State Bd. of Health Lab., 1894-5; asst. bact., Univ. Wis., 1895-8; instr., 1898-1902; asst. prof., 1902-7; assoc. prof., 1907-14; prof. agrl. bact., 1915-. Fellow A. A. A. S. *Auth.*: Laboratory Guide in Elementary Bacteriology, 1901; (with McCampbell) General Bacteriology, 1912; chapter in Marshall's Microbiology. —*b.* Lake City, Minn., Sept. 13, 1867; *s.* Benj. Cutler and Lucy Jane (Dodge) F.; reared on farm; *m.* Jessie Elwell, Jan. 1, 1895; *c.* Russell Elwell, Theodore Dodge. B.S., Univ. Minn., 1893; M.S., 1894; Ph.D., Univ. Wis., 1903; Dr. P.H., Harvard Med. School, 1913. Sigma Xi; Alpha Zeta.

Fry, C. Luther, dir. Bur. Standards, Inst. Social and Religious Res., 370 Seventh Ave., New York, N. Y.

Auth.: The New and Old Immigrant on the Land, 1922; Diagnosing the Rural Church, 1924; A Census Analysis of American Villages, 1925. —*b.* Philadelphia, Pa., Mar. 16, 1894; *s.* Chas. Livingston and Laura Frick (Housekeeper) F.; reared in town; *m.* Marion Warren, Sept. 3, 1921. A. B., Muhlenberg Coll., 1916; A.M., Columbia Univ., 1917; Ph.D., 1924. Alpha Tau Omega.

Fry, Jacob Martin, co. agrl. agt., Sunbury, Pa.

Asst. agrl. ext., Penn. State Coll., 1917-8. —*b.* Ephrata, Pa., Feb. 20, 1887; *s.* Samuel Curtis and Catherine R. (Kline) F.; reared on farm. B.S. Penn. State Coll., 1917. Phi Kappa Phi.

Fry, William Henry, sci. in chem. invests., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Asst. geol., Univ. N. C., 1908-10; instr., 1910-1; present position, 1911-. (Soil mineralogy and microscopy). —*b.* Fayetteville, N. C., Sept. 22, 1888; *s.* Wm. Alexander and Flora (Carter) F.; reared in town; *m.* Marie Louise McClenaghan, June 19, 1912; *c.* Wm. Trenholm. A.B., Univ. N. C., 1910.

Frysinger, Grace Elizabeth, ext. home econ., Div. Ext. Educ., U. S. Dept. Agr., Washington, D. C.

Dir. home econ. dept., Belmont Coll., Nashville, Tenn., 1909-12; teach. household sci., high-schs., Des Moines, Ia., 1915-6; food conservation lect. and writer, N. Y. City, 1916-7; present position, 1917-. Traveled around world, 1912-3. —*b.* Rockford, Ill., Aug 28, 1885; *d.* Geo. P. and Grace C. (Burrall) F.; reared in town. Grad. Oread Inst., Worcester, Mass., Drexel Inst., Philadelphia; student Univ. Chicago.

Fuller, Bradley, lawyer and dairy farmer, Mann Bldg., Utica, N. Y.

Asst. distr. attorney, Oneida Co., N. Y., 4 yrs.; distr. attorney, 6 yrs.; counsel, Dairymens League, Inc., 1 yr. Pres. Dairymens League Coop. Assoc., Inc.; mem. Fed. Milk Comn. (Coop. agrl. law). —*b.* Litchfield, N. Y., May 6, 1874; *s.* Chas. W. and Cornelia C. (Getman) F.; reared on farm; *m.* Minnie H. Wood, July 12, 1899; *c.* Howard C., Kenneth W. LL.B., Cornell Univ., 1897.

Fuller, Elmer Byron, co. club leader, 25 Exchange St., Rochester, N. Y.

Farmer, 1915-6; teach. agr., high-sch., Stamford, N. Y., 1917-8; Belfast, 1918-9; club leader Monroe Co., 1922-. —*b.* Castile, N. Y., Sept. 3, 1891; *s.* Byron A. and Carrie (Briggs) F.; reared on farm; *m.* Marjorie L. Powers, July 5, 1917; *c.* Myra, Thelma. B.S., Cornell Univ., 1915.

Fuller, Emma Annette, home econ. specialist, Univ. Vt., Burlington, Vt.

Formerly home dem. agt., Middlebury. Established first farm bur. community canning kitchen in Vt. —*b.* Montpelier, Vt., Oct. 1, 1893; *d.* Asa C. and Harriet A. (Burroughs) F.; reared on farm. B.S., Univ. Vt., 1917.

Fuller, Frank Erwin, co. agrl. agt., Henry, Ill.

Formerly ext. agron., Mont. State Coll. —*b.* Atwood, Kans., Dec. 28, 1887; *s.* Frank and Adelia (Hoogner) F.; reared on farm; *m.* Ruth Plumb, 1912; *c.* Kenneth, Lois Ruth B.S., Kans. State Agr. Coll., 1911; B.S.A., Ia. State Coll., 1917. Alpha Zeta; Phi Kappa Phi.

Fuller, Frederick Driggs, chief, div. feed control serv., Tex. Exp. Sta., College Station, Tex.

Asst. chem., N. H. Exp. Sta., 1892-5; asst. chem., N. Y. Agr. Exp. Sta., Geneva, 1896-1905; chief chem., Dept. Agr., Harrisburg, Pa., 1905-9; chief, Cattle Feed and Grain Invest. Lab., U. S. Bur. Chem., 1909; chief chem. and general manag., Pa. Primo Feed Co., Harrisburg, 1909-10; chief deputy state chem., Ind. Exp. Sta., 1910-6; chg. sci. educ. dept., Amer. Feed Manufacturers Assoc., 1916-7; present position, 1917-. Fellow A. A. A. S. —*b.* Hanover, N. H., May 14, 1873; *s.* John Marsh and Martha Sophia (Driggs) F.; reared on farm; *m.* Abby Florence Chamberlin, 1895; *c.* Irene Mabel, Allan Chamberlin, Whitman Hamilton, Raymond Nelson. B.S., N. H. A. & M. Coll., 1892; M.S., Purdue Univ., 1912. Sigma Xi; Kappa Sigma.

Fuller, James Garfield, prof. an. husb., Univ. Wis., Madison, Wis.

Asst. an. husb., Univ. Wis., 1904-6; instr., 1906-8; asst. prof., 1908-13; assoc. prof., 1913-9; prof., 1919-. Studied agr. in Europe, 1910. —*b.* Waterman, Ill., Sept. 12, 1880; *s.* Harvey L. and Sarah (Brady) F.; reared on farm; *m.* Lulu Margaret Douglas, Apr. 21, 1908; *c.* Harold Douglas, Jas. Gordon. B.S.A., Univ. Wis., 1904. Alpha Zeta.

Fuller, John McElroy, prof. dairy husb., Univ. N. H., Durham, N. H.

Instr. dairy husb., S. D. State Coll., 1912-3; assoc. prof., 1913-5; prof. dairying, Okla. A. & M. Coll., 1915-6; present position, 1916-. *Assoc. ed.,* Orange Judd Weeklies, 1911-2. —*b.* Brooks, Ia., Dec. 23, 1882; *s.* Chester Morrison and Eunice Virginia (Teeter) F.; reared on farm; *m.* Elsie K. Bissell, Aug. 27, 1913; *c.* John Frederick, Dorothy Jane. B.S., Ia. State Coll., 1911. Delta Sigma Rho; Gamma Sigma Delta.

Fullerton, Edith Loring, writer, agrst., Medford Station, L. I., N. Y.

Sec. Suffolk Co. Home Bur. Asst. dir. agrl. development, L. I. R. R. *Auth.:* How to Make a Vegetable Garden; The Lure of the Land, 1906; The Book of the Home Garden, 1919. *Ed.* L. I. Agronomist. —*b.* Brooklyn, N. Y., Oct. 24, 1876; *d.* John A. and Eleanor (Switzer) Jones; reared in town; *m.* Hal B. Fullerton, June 3, 1898; *c.* Hope, Eleanor, Loring.

Fullerton, Hal B., dir. agr., L. I. Railroad, Medford, L. I., N. Y.

Supt. oil co., Pa., 2 yrs.; supt. cotton seed oil mill, Tex., 2 yrs.; asst. hydraulic engin., in Mass., 2 yrs., in Va., 2 yrs.; supt. paper mills, Mass., 1 yr.; sec. and manag. export co., Mex., 5 yrs.; official L. I. R. R., 23 yrs. Vice-pres. N. Y. Agrl. Soc.; vice-pres. Nat. Farmers Congress; vice-pres. Good Roads Assoc. Fellow A. A. A. S., Amer. Geog. Soc., Amer. Peat Soc. Introduced American cattle into Mex., Cuba, Porto Rico, Argentina, 1887-92; in France, 1920, to re-establish agr. in devastated region. —*b.* Cincinnati, O., Aug. 15, 1857; *s.* Wm. R. and Frances C. (Lyon)

F.; reared in suburbs; *m.* Edith Loring Jones, June 10, 1898; *c.* Hope, Eleanor, Loring. Mass. Inst. Tech., 1879.

Fulton, Bentley Ball, asst. ent., Ia. Agr. Exp. Sta., Ames, Ia.

Asst. ent., N. Y. Agr. Exp. Sta., 1912-9; assoc. ent., Ore. Agr. Exp. Sta., 1919-24; present position, 1924-. Mem. of Katmai Exped. of Nat. Geog. Soc. to Alaska, summer 1915. (Orthoptera). —*b.* Newark, O., Aug. 29, 1889; *s.* John S. and Lydia (Ball) F.; reared in town; *m.* Ida Timm, July 19, 1923; *c.* Margaret Alice. B.A., Ohio State Univ., 1912; M.S., Univ. Chicago, 1916. Sigma Xi.

Fulton, Harold Jeffers, prof. voc. agr., high-sch., Scottsdale, Ariz.

Dairy farmer, Salt River Valley, Ariz., 1917-20; general farmer, 1920-4. (An. husb.). —*b.* Chicago, Ill., Sept. 9, 1899; *s.* Peter M. and Lissa (Jeffers) F.; reared in town. B.S.A., Univ. Ariz., 1924.

Fulton, Harry Rascoe, path. fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Plant path., La. Exp. Sta., 1906-8; assoc. prof. bot. and plant path., Penn. State Coll., 1908-12; prof. bot. and plant path., N. C. A. & M. Coll., 1912-6; present position, 1916-. Fellow A. A. A. S. *Auth.*: Essentials of Botany, 1915. (Diseases of citrus and subtropical fruits). —*b.* Oxford, Miss., Sept. 19, 1880; s. Robt. Burwell and Annie Rose (Garland) F.; reared on farm; *m.* Nell Cribbs, 1913; *c.* Carrie Roper, Robt. Burwell. B.A., Univ. Miss., 1900; M.A., Univ. Mo., 1905; M.A., Harvard Univ., 1906. Sigma Xi; Phi Kappa Phi; Delta Psi.

Fulton, Sanford Hamilton, fruit-grower, Sleepy Creek, W. Va.; Sept. 7, 1874-June 18, 1924. See Rus 1920.

Funchess, Marion Jacob, dean Coll. Agr., dir. Exp. Sta., prof. agron., Ala. Poly. Inst., Auburn, Ala.

Asst. prof. agron., Ala. Poly. Inst., 1909-12; assoc. prof., 1912-5; prof., 1915-. —*b.* Orangeburg, S. C., Apr. 9, 1884; *s.* J. S. and E. M. (Andrews) F.; reared on farm; *m.* Agnes Eloise McCants, June 21, 1911; *c.* Jean Eloise, Helen, Kenneth McCants, Mary Ella. B.S., Clemson Agr. Coll., 1908; M.S., Univ. Wis., 1911. Phi Kappa Phi; Gamma Sigma Delta.

Funk, Warren C., assoc. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

b. Palm, Pa., Feb. 13, 1885; *s.* Jas. B. and Susan B. (Clemmer) F.; reared on farm; *m.* Irene J. Brooks, Sept. 20, 1916; *c.* Russell Jas., Emily Louise, Phillip Brooks. B.S.A., Cornell Univ., 1911. Sigma Phi Sigma.

Funkhouser, Walter Leon, co. agrl. agt., Keene, N. H.

Instr., Canton Christian Coll., China, 1919-22. (An. husb.). —*b.* Harrisburg, Pa., Mar. 18, 1897; *s.* Orville Clippinger and Alberta May (Wallace) F.; reared in city; *m.* Elvira Belle Ailman, Sept. 8, 1923; *c.* Elizabeth Jean, Dorothy Miriam. B.S., Penn. State Coll., 1920. Alpha Gamma Rho.

Fuqua, Warren Watson, farmer, Monroe City, Mo.

Pres. Mo. Fed. Coop. Shipping Assocs.; dir. Mo. Fed. of Farmers Coop. Elevators. (Pure-bred live-stock, especially Poland-China hogs). —*b.* Monroe City, Mo., Feb. 21, 1891; *s.* J. Gentry and Julia (Watson) F.; reared on farm; *m.* Margaret Dorsey, Oct. 26, 1915; *c.* Dorothy Anne. B.S.A., Univ. Mo., 1914. Kappa Sigma; Sigma Gamma Delta.

Furry, Roy Lee, distr. ext. agt. dairy and poultry, Univ. Mo., Versailles, Mo.

Plant-breeder and farm supt., Ferguson Seed Farms, Sherman, Tex., 1917-9; farmer, 1919-20; present position, 1923-. Sec.-treas. Tex. Field Crops Improvement Assoc. —*b.* Carrollton, Mo., Jan. 3, 1894; *s.* Frank and Amelie (Heins) F.; reared on farm; *m.* Inez Williamson, Jan. 2, 1918; 2d, Lena Belle DeAtley, Oct. 15, 1923; *c.* Mildred Virginia, Alva Frank. B.S.A., Univ. Mo., 1917. Gamma Sigma Delta.

G

Gaddis, Lella Reed, state leader home dem. agts., Purdue Univ., LaFayette, Ind.

Asst. girls club work, Purdue Univ., 1916-7; emergency home dem. agt. leader, 1917-9; present position, 1919-. —*b.* Rossville, Ind., May 29, 1880; *d.* Wm. A. and Margaret E. (Reed) G.; reared on farm. Special student, Purdue Univ., 4 yrs.

Gaddis, Porter L., chief appraiser, Lincoln Joint Stock Land Bank and Fremont Joint Stock Land Bank, Lincoln, Neb.

Asst. prof. agron. ext., Univ. Neb., 1915-7; assoc. prof., 1917-9; prof., 1919-20; fed. land appraiser, 1921-. —*b.* Custer Co., Neb., June 13, 1885; *s.* Wm. C. and Nancy R. (Higgins) G.; reared on farm; *m.* Merle Wilson, Aug., 1909; *c.* Marion, Mildred. A.B., Greenville Coll., Ill., 1908; B.S.A., Univ. Neb., 1916.

Gaebel, Herman Harry, instr. voc. agr., high-sch., Barnesville, O.

b. Lima, O., Dec. 16, 1896; *s.* Wm. McClusky and Sophia (Loescher) G.; reared on farm. B.S., Ohio State Univ., 1922. Sigma Phi Sigma.

Gage, Alvin Clifford, ed. and pub. Angora Journal, 827 Bd. of Trade, Portland, Ore.

Sec. Nat. Mohair Growers Assoc., 1919-21. (Mohair). —*b.* Junction City, Kans., Aug 12, 1870; *s.* Moses Dwight and Mary Elizabeth (Abbott) G.; reared in town; *m.* Ada Birge, 1893; *c.* Phebe Elizabeth, Helen Leslie.

Gage, George Edward, prof. an. path. and head dept. vet. sci. and an. path., Mass. Agr. Coll., Amherst, Mass.

Assoc. biol., Md. Exp. Sta., 1909-10; biol., 1910-1; asst. prof. an. path., Mass. Agr. Coll., 1911-2; assoc. prof., 1912-22; res. path., Exp. Sta., 1915-; present position, 1922-. Capt. Sanitary Corps, U. S. Army, 1918-9; head dept. serology, Cent. Med. Dept. Lab., A. E. F., France. —*b.* Springfield, Mass., Dec. 30, 1883; *s.* Wm. H. and Mary Elizabeth (Lashorn) G.; reared in city. B.A., Clark Univ., 1906; M.A., Yale Univ., 1907; Ph.D., 1909. Phi Kappa Phi; Kappa Phi.

Gagnon, Roger, insp. of co. agrsts., Que. Dept. Agr., Parliament Bldgs., Quebec, Que.

Distr. agrst. for L'Islet and Kamouraska cos., Que., 1917-9; Temiscouata Co., 1919-21; present position, 1921-. Mem. Ottawa Potato Grading Comn.; chm. Que. sect. Canadian Soc. Tech. Agrsts. —*b.* Arthabaska, Que., Aug. 15, 1895; *s.* Achille and Clorinde (Plamondon) G.; reared on farm; *m.* Alma Levesque, Sept. 8, 1919; *c.* Maurice, Germaine, Pauline. B.S.A., Laval Univ., 1916.

Gahagan, George Moore, ed. The Horseman, 803 E. 34th St., Indianapolis, Ind.

Mem. Mich. Legislature, 1913-5. Formerly ed. American Horse Breeder. —*b.* Medina, Mich., June 13, 1878; *s.* Thos. and Mary (Brown) G.; reared on farm; *m.* Edith E. McLonth, Aug. 8, 1922.

Gaines, Edward Franklin, assoc. prof. farm crops and cerealist Exp. Sta., Wash. State Coll., Pullman, Wash.

Asst. cerealist, Wash. Exp. Sta., 1911-6; cerealist, 1916-; instr. agron., Wash. State Coll., 1911-7; asst. prof. farm crops, 1917-21; assoc. prof., 1921-. Rep. Wash. at Nat. Corn Show, Dallas, Tex., 1914; master Whitman Co. Pomona Grange, 1919-20. —*b.* Avalon, Mo., Jan. 12, 1886; *s.* Chas. Samuel and Mattie (Millay) G.; reared on farm; *m.* Xerpha Mae McCulloch, June 6, 1912; *c.* Edward M., X. Mae, John C., Grant Robt. B.S., Wash. State Coll., 1911; M.S., 1913; D.Sc., Harvard Univ., 1921.

Gaines, Walter Lee, prof. milk production, Univ. Ill., Urbana, Ill.

With Univ. Ill., 1908-13, 1918-; farmer, Crete, Ill., 1915-8. (Physiology of milk production). —*b.* Crete, Ill., Mar. 17, 1881; *s.* Horatio N. and Martha A. (Adams) G.; reared on farm; *m.* Alta M. Hooper, Sept. 28, 1914; *c.* John Karl, Robt. Wm. B.S., Univ. Ill., 1908; M.S., 1910; Ph.D., Univ.

Chicago, 1915. Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

Gainey, Percy Leigh, prof. bact., Kans. State Agr. Coll., Manhattan, Kans.

Asst., N. C. A. & M. Coll., 1908-10; instr., Univ. Mo., 1911-4; soil bact., Kans. Exp. Sta., 1914-; asst. prof., Kans. State Agr. Coll., 1917-9; assoc. prof., 1919-22; prof., 1922-. Lieut., Sanitary Corps, U. S. Army. (Soil bact.). —*b.* Fayetteville, N. C., Mar. 9, 1887; *s.* Abram and Amelia (MacNab) G.; reared on farm; *m.* Grace Trueman Deaton, Dec. 25, 1913; *c.* Janis Leigh, Philip MacNab. B.Agr., N. C., A. & M. Coll., 1908; M.S., 1910; A.M., Washington Univ., 1911. Sigma Xi; Alpha Zeta; Gamma Alpha; Gamma Sigma Delta; Phi Kappa Phi.

Galloway, Beverly Thomas, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Univ. Mo., 1884-6; asst. Sect. of Mycology, Div. Bot., U. S. Dept. Agr., 1887-8; chief Div. Path., 1888-1901; chief Bur. Plant Ind., 1901-13; asst. sec. agr., 1913-4; dean Coll. Agr., Cornell Univ., 1914-6; present position, 1916-. Fellow A. A. A. S. Agrl. explorer in Japan, China, India, N. Africa. Farmer, Md., 7 yrs.; florist and gardner, Mo., 4 yrs., Md. 5 yrs. —*b.* Millersburg, Mo., Oct. 16, 1863; *s.* Robt. M. and Jane (McGray) G.; reared in country; *m.* Agnes S. Rankin, Sept. 5, 1888; *c.* Robt. Rankin, Gordon, Beverly. B. Agr. Sc., Univ. Mo., 1884; LL.D., 1904.

Galloway, John C., farm manag. dem., Ia. State Coll., Ames, Ia.

Princ. high-sch., Sanborn, Ia., 1917-8; present position, 1918-. —*b.* Union, Ia., Oct. 23, 1894; *s.* W. P. and Isabel (Northam) G.; reared in town and on farm; *m.* Genevieve B. Robins, Jan. 29, 1916; *c.* Mary Isabelle, Wm. Robins. B.S., Ia. State Coll., 1916.

Gallup, Edward Everett, superv. voc. agrl. educ., State Capitol, Lansing, Mich.

High-sch. princ., 5 yrs.; city supt. schs., 15 yrs.; present position, 1918-. Pres. High-sch. Principals Assoc.; pres. Amer. Assoc. for Advancement of Agrl. Teaching. —*b.* Jackson, Mich., Nov. 29, 1873; *s.* R. E. and Eliza (Biddlecomb) G.; reared on farm; *m.* Blanche G. McEwen, June 18, 1904. B.S., Mich. Agr. Coll., 1896; A.B., Univ. Mich., 1906; M. A., 1910.

Galpin, Charles Josiah, econ. in chg. farm population and rural life, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Vice-princ. Union Acad., Belleville, N. Y., 1885-8; prof. hist., Kalamazoo Coll., 1888-91; princ. Union Acad., 1891-1901 (established first course in agr. in secondary schs. of N. Y. State, 1901); first univ. pastor at Univ. Wis., 1905-11; assoc. prof. agrl. econ., Univ. Wis., 1911-9. Sec. Wis. Country Life Conference, 1911-7; vice-pres. Amer. Country Life Assoc., 1923-4. Traveled in England, Scotland, Norway, Denmark. *Auth.*: Rural Life, 1918; Rural Social Problems, 1924. —*b.* Hamilton, N. Y., Mar. 16, 1864; *s.* L. Q. and Frances (Look) G.; reared in country and village; *m.* Zoe N. Wickwire, June 22, 1887. A.B., Colgate Univ., 1885; A.M., 1888; Harvard Univ., 1895; Litt.D., Colgate Univ., 1919. Phi Beta Kappa; Delta Kappa Epsilon.

Galt, William Irvin, co. agrl. agt., Tionesta, Pa.

Served in A. E. F. —*b.* Glen Loch, Pa., Dec. 7, 1894; *s.* Wilson P. and Narrie (Welsh) G.; reared on farm; *m.* Florence Robinson, Aug. 24, 1920; *c.* Mary Eleanor, John Wilson. B.S., Pa. State Coll., 1918. Alpha Zeta; Phi Kappa Phi.

Gamble, James Alexander, prof. dairy husb., Univ. Md., College Park, Md.

Dairyman, Conn. Exp. Sta. Model Farm, 1909; milk chem. and bact., Springfield, Mass., 1909-14; market milk specialist, Bur. An. Ind., U. S. Dept. Agr., 1914-8; supt. milk and cream exhibits, Nat. Dairy Show, 1916-8; prof. dairy husb., Md. Agr. Coll., 1918-20; prof. and head dept., Univ. Md., 1920-. First rep. Amer. Dairy Sci. Assoc. in Nat. Res. Council; mem. an. breeding com., Nat. Acad. Sci.; mem. S. Livestock Res. Bd.; chm.

production sect., Amer. Dairy Sci. Assoc. —*b.* Waupaca, Wis., Oct. 10, 1882; *s.* Jas. and Margaret (Fleming) G.; reared on farm; *m.* Florence G. Smith, Apr. 20, 1911; *c.* Jas. Ross, Dorris Nettie. B.S., Conn. Agr. Coll., 1909; M.S., Geo. Washington Univ., 1915.

Gamble, Walter Patterson, co. agrl. agt., Howard, S. D.

Served in Tank Corps, U. S. Army, 1918-9. —*b.* Minneapolis, Minn., May 26, 1895; *s.* Fred A. and Florence A. (Lowery) G.; reared in city and on farm; *m.* Frances B. Durkee, June 14, 1920; *c.* Everett F., John G., Geo. W. B.S.A., Univ. Minn., 1920. Alpha Zeta.

Gammon, Burton Osmond, sec. Amer. Polled Hereford Breeders Assoc., Des Moines, Ia.

Asst. sec. Amer. Polled Hereford Breeders Assoc., 1900-10; sec., 1910-. —*b.* Harlan, Ia., Mar. 26, 1881; *s.* Warren and Annie (Pickett) G.; reared in city; *m.* Edith V. Koons, Nov. 23, 1904. B.Sc., Drake Univ., Des Moines, Ia., 1903.

Gandier, Stace Harvey, princ. Claresholm Sch. Agr., Claresholm, Alta.

Sec. and registrar, Ont. Agr. Coll., 1911-20; fellow chem., 1921; instr. sci., Sch. Agr., Raymond, Alta., 1922; princ. Sch. Agr., Vermilion, 1922-3; Claresholm, 1924-. (Agrl. chem.). —*b.* Toronto, Ont., May 20, 1886; *s.* Jabez and Mary (Bates) G.; reared in country; *m.* Mary A. Barron, 1912 (d. 1920). B.S.A., Univ. Toronto, 1911.

Garber, Norman Eby, Guernsey cattle breeder, Mt. Joy, Pa.

Formerly co. agrl. agt., Doylestown, Pa. —*b.* Elizabethtown, Pa., Oct. 25, 1890; *s.* Simon E. and Fannie F. (Eby) G.; reared on farm; *m.* Belle C. Kauffman, June 30, 1918. B.S., Penn. State Coll., 1916. Alpha Zeta.

Garber, Ralph John, prof. agron. and head dept., W. Va. Univ., Morgantown, W. Va.

Instr. agr., high-sch., Morgan, Minn., 1913-5; Monticello, 1915-6; instr. agron., Univ. Minn., 1917-8; asst. prof., 1918-20; assoc. prof., W. Va. Univ., 1920-2; prof., 1922-. Fellow A. A. A. S. (Farm crops, plant-breeding). —*b.* Deer Creek, Ill., Apr. 24, 1890; *s.* John and Lena (Oswald) G.; reared on farm; *m.* Mildred Fitschen, July 19, 1917. B.S., Univ. Ill., 1912; M.S., Univ. Minn., 1917; Ph.D., 1922. Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

Garcia, Fabian, dir. N. Mex. Exp. Sta., prof. hort., N. Mex. A. & M. Coll., State College, N. Mex.

Asst. agr., N. Mex. A. & M. Coll., 1894-1906; prof. hort., 1906-; hort., Exp. Sta., 1906-13; dir., 1913-. Pres. Dona Ana Co. Fair, 1912. —*b.* Chihuahua, Mex., Jan. 20, 1871 (naturalized 1889); *s.* Ricardo and Refugio (Rivera) G.; *m.* Julieta J. Amador, Aug. 14, 1907. B.S., N. Mex. A. & M. Coll., 1894; M.S.A., 1906; special student, Cornell Univ., 1899-1900.

Gardner, Frank Duane, prof. agron., Penn. State Coll., State College, Pa.

Asst. agr., Univ. Ill., 1891-5; sci. and soil expert, Bur. Soils, U. S. Dept. Agr., 1895-1908; chg. Porto Rico Exp. Sta., 3 yrs.; present position, 1908-. Farm operator. *Auth.*: Successful Farming, 1916; Farm Crops, their Cultivation and Management, 1918; Soils and Soil Management, 1918. —*b.* Gilman, Ill., Nov. 19, 1864; *s.* Isaac J. and Inverno (Bennett) G.; reared on farm; *m.* Ellen P. Crum, June 6, 1894; *c.* Matthias B., F. Easter, Reina E. B.S., Univ. Ill., 1891. Gamma Sigma Delta.

Gardner, Hubert M., state superv. agrl. educ., Santa Fe, N. Mex.

Prof. voc. educ., N. Mex. A. & M. Coll., 1922-3. Served in U. S. Navy, 1917-9. —*b.* Goshen, Ind., Aug. 6, 1893; *s.* Benj. F. and Barbara (Miller) G.; reared on farm. B.S., Purdue Univ., 1916; M.S., Cornell Univ., 1922.

Gardner, Obadiah, farmer and senator, Rockland, Me.

Master State Grange, 1897-1907. Dem. candidate for governor, Me., 1908; U. S. Senator, 1911-3; assessor for Me., 1911. Chm. Amer. Sect. of Intern. Joint Comn. having chg. of all diversions and obstructions of the boundary waters marking the boundary between the U.

S. and Canada. —*b.* Port Huron, Mich., Sept. 13, 1852; *s.* John and Mary (Strevils) G.; *m.* Corinna A. Sherer, Nov. 28, 1875. Grad. Eastman's Business Coll., Poughkeepsie, N. Y., Coburn Classical Inst., Waterville, Me.

Gardner, Theodore R., jr. ent., U. S. Dept. Agr., care American Consulate, Yokohoma, Japan.

With Bur. Ent., U. S. Dept. Agr., Riverton, N. J., 1922-3; in search of parasites for Japanese beetle in Orient, 1924-. —*b.* New York, N. Y., Mar. 3, 1899; *s.* Frank W. and Hannah (Shoover) G.; reared on farm. B.S.A., Conn. Agr. Coll., 1922. Phi Mu Delta.

Gardner, Victor Ray, prof. hort., Mich. State Coll., E. Lansing, Mich.

Teaching fellow, Ia. State Coll., 1905-7; instr. hort., Macdonald Coll., Canada, 1907-8; asst. prof. hort., Univ. Me., 1908-11; acting head Coll. Agr., 1909-11; assoc. prof. pom., Ore. Agr. Coll., 1911-5; prof., 1915-8; prof. hort., Univ. Mo., 1918-22; present position, 1922-. —*b.* Ann Arbor, Mich., Mar. 25, 1885; *s.* Leonard B. and Ann (Parker) G.; reared in country and city; *m.* Bernice Mae Jackson, 1908. B.S., Mich. Agr. Coll., 1905; M.S.A., Ia. State Coll., 1907. Sigma Xi; Alpha Zeta.

Garey, Lewis Farr, asst. prof. farm manag., Univ. Minn., University Farm, St. Paul, Minn.

Sci. teach. and supt., high-schs., Neb., 1910-2; asst. superv. secondary sci., Teach. Coll. High-Sch., Univ. Neb., 1912-5; head agrl. dept., State Normal, Peru, Neb., 1915-7; assoc. agron., Colo. Agr. Coll., 1917-9; state superv. agrl. educ., Colo., 1919-20; present position, 1920-. —*b.* Beaver City, Neb., Nov. 16, 1886; *s.* R. S. and Katherine (Farr) G.; reared on farm; *m.* Cora L. Schwenker, July 15, 1914; *c.* Carroll LaVerne, Robt. Wm. B.S., Univ. Neb., 1914; A.M., 1915. Alpha Zeta; Gamma Sigma Delta.

Garfield, Charles William, banker and farmer, Grand Rapids, Mich.

Teach. Mich. Agr. Coll., 1873-7. Mem. Mich. House of Rep., 1881-2; state Bd. Agr., 12 yrs. (trustee Mich. Agr. Coll.); pres. Mich. For. Comn., 9 yrs. Pres. Mich. For. Assoc.; treas. Mich. Civil Service League; sec. Mich. Hort. Soc., 10 yrs.; sec. Amer. Pom. Soc., 4 yrs. —*b.* Milwaukee, Wis., Mar. 14, 1848; *s.* Samuel Marshall and Harriet Eliza (Brown) G.; *m.* Jessie Robertson Smith, Nov. 24, 1897. B.S., Mich. Agr. Coll., 1870; M.S., 1873; LL.D., 1917. Phi Delta Theta.

Garman, Harrison, prof. ent., Univ. Ky., and state ent., Lexington, Ky.

Assoc. prof. zool., Univ. Ill.; pres. Amer. Assoc. Econ. Ents.; mem. exec. com., Amer. Assoc. Official Seed Analysts.; head dept. ent. and bot., Ky. Exp. Sta. Fellow A. A. A. S. (Ecology of insects). —*b.* Stephenson Co., Ill., Dec. 27, 1858; *s.* Benj. F. and Sarah A. (Griffith) G.; reared in village; *m.* Rosalie Miller, Oct. 30, 1883; *c.* Frederick, Philip. D.Sc., Univ. Ky.

Garner, C. Gordon, co. agrl. agt., Lyons, Ga.

Agrl. agt. Stephens Co., Ga., 1917; swine specialist, U. S. Dept. Agr. and Univ. Mo., 1918; distr. agrl. agt., Granite Hill, Ga., 1920; live-stock marketing specialist, Univ. Ga., 1921; agrl. agt., Toombs Co., 1922-. In U. S. Army, 1918. —*b.* Sparta, Ga., Jan. 1, 1892; *s.* G. L. and Harriet (Gheesling) G.; reared on farm. B.S.A., Univ. Ga., 1917. Alpha Zeta.

Garner, Chester Alexander, jr. hort., U. S. Dept. Agr., Washington, D. C.

b. Lebanon, Ind., Sept. 25, 1897; *s.* Abner A. and Alice (Alexander) G.; reared in town and on farm; *m.* Frances Johanna Schotthoefer, Sept. 21, 1923. B.S.A., Purdue Univ., 1921; M.S., Ia. State Coll., 1924. Alpha Gamma Rho.

Garner, Wightman Wells, physiologist in chg. tobacco and plant nutr. invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. chem., Tufts Coll., 1900-3. —*b.* Timmonsville, S. C., July 15, 1875; *s.* Jas. N. and Joana (Wright) G.; reared on farm; *m.* Judith Goode, Nov. 8, 1905. A.B., Univ. S. C., 1896; Ph.D., Johns Hopkins Univ., 1900. Sigma Alpha Epsilon.

Garnett, William Edward, head dept. rural sociol., Tex. A. & M. Coll., College Station, Tex.

Dir. agr., 6th Va. Congressional Distr. agrl. high-sch., 1912-4; organizer and conductor, Albermarle Co., Va., social and econ. survey, Va. Poly. Inst., Univ. Va. and U. S. Dept. Agr., 1915-6; fellow sociol., Univ. Wis., 1917; prof. rural sociol. and agr., Univ. Va., summers 1917-8; asst. agrl. credit organizations, N. C. State Coll., 1918; prof. rural community problems, Univ. Ga., 1919-20; present position, 1920-. —*b.* Albermarle Co., Va., Sept. 15, 1885; *s.* Jas. M. and Cornelia (Wingfield) G.; reared on farm; *m.* Lucy Goode Puryear, Sept. 14, 1916. B.S.A., Cornell Univ., 1912; M.A., Peabody Coll., 1915; Ph.D., Univ. Wis., 1920.

Garrahan, R. H., market-gardener, Kingston, Pa.

Dir. Amer. Veg. Growers Assoc. —*b.* Avondale, Pa., Oct. 1875; *s.* M. and Margaret (Hutchison) G.; reared on farm; *m.* Mabel Keller, Oct. 2, 1901; *c.* Ralph, Jean.

Garrett, Emmett Leroy, co. agrl. agt., Higginsville, Mo.

Teach. agr. and sci., high-sch. Burlington, Kans., 1915-7; Leavenworth, 1917-9; co. agrl. agt., Coldwater, Kans., 1919-22; Higginsville, Mo., 1922-. —*b.* Butler Co., Kans., Feb. 17, 1893; *s.* Chas. Elmer and Allie Amanda (White) G.; reared on farm; *m.* Myrtle Willard Taylor, Aug. 30, 1916; *c.* Elizabeth Louise, Gerald Hobron, Barbara Gene, Jack Taylor, Patricia Jane. B.S., Okla. A. & M. Coll., 1915.

Garrigus, Harry Lucian, prof. an. husb. and farm supt., Conn. Agr. Coll., Storrs, Conn.

Farm supt. and instr. dairying and vet. sci., Baron De Hirsch Sch. Agr., 1900-1; asst. agrst., Storrs Exp. Sta., 1901-2; farm supt. and instr. an. husb., 1902-15; present position, 1915-. Vice-pres. Conn. Dairymens Assoc.; sec. Conn. Sheep Breeders Assoc.; vice-pres. New England Hereford Breeders Assoc.; sec. Conn. Horse Breeders Assoc.; trustee E. States Expos., 1917; dir. Conn. State Fair. —*b.* Wolcott, Conn., Aug. 18, 1876; *s.* J. H. and Sophronia E. (Upson) G.; reared on farm; *m.* Bertha M. Patterson, Nov. 29, 1899; *c.* Elsie M., Howard S., Russell M., Wesley P., Upson S. B.A., Conn. Agr. Coll., 1898; grad. student, Ont. Agr. Coll.

Garrison, Harry S., asst. agron., Off. Cereal Invests., U. S. Dept. Agr., Washington, D. C.

Supt. Tasley branch, Va. Truck Exp. Sta., 1913. Contr. to Book of Rural Life. —*b.* Leipsic, Del., Mar. 16, 1885; *s.* John P. and Martha E. (Jones) G.; reared on farm; *m.* Margaret Pearle Warner, June 29, 1912; *c.* Theodore W., Mary Elizabeth, John W. B.S.A., Univ. Del., 1911. Phi Kappa Phi.

Garthwaite, Edwin Lowell, co. agrl. agt., Court House, El Centro, Calif.

Asst. agrl. agt., Kern Co., Calif., 1917-8; farmer, 1919; agrl. agt. Imperial Co., 1920-. Traveled in British S. Africa, 8 yrs.; Germany, 1 yr.; England, 2 yrs. —*b.* Oakland, Calif., Mar. 20, 1894; *s.* Edwin Hatfield and Augusta (Lowell) G.; *m.* Frances Marion Hook, Oct. 7, 1917; *c.* Edwin L. Jr. B.S., Univ. Calif., 1917. Chi Phi.

Garver, Samuel, assoc. agron., U. S. Dept. Agr. and supt. field sta., Redfield, S. D.

b. Hillsboro, Ia., Mar. 24, 1883; *s.* Jacob Freed and Eliza Adelaide (Clifford) G.; reared on farm; *m.* Mabel E. Parson, Mar. 27, 1921; *c.* Carol Lucille, Adelaide Elaine. B.S., Ia. State Coll., 1909.

Gaskill, Ralph Hicks, manag. Essex Co. Farmers Coop. Assoc., Topsfield, Mass.

Instr. an. husb., and head dept., Bristol Co. Agr. Sch., 1913-5; agt. Bristol Co., 1915-7; with A. H. Phillips, chain grocer and milk dealer, Springfield, Mass., 1917; agt. Essex Co., 1918-20; present position, 1920-. Dir. in Mass. Fruit Growers Assoc.; sec. Essex Co. Fair, 1920. —*b.* Mendon, Mass., June 14, 1892; *s.* Albion A. and Abbie Frances (Hicks) G.; reared on farm; *m.* Nina Marion Taft, Aug. 17, 1915. B.S., Mass. Agr. Coll., 1913. Lambda Chi Alpha.

Gasser, George William, supt. U. S. Agr. Exp. Sta., Fairbanks, Alaska.

(Grain breeding). —*b.* Youngstown, O., Dec. 10, 1874; *s.* John and Verena (Gysel) G.; reared on farm; *m.* Beatrice Peck, Aug. 12, 1909. B.S., Kans. State Agr. Coll., 1905.

Gates, Burton Noble, insp. apiaries, Mass. Dept. Agr., State House, Boston, Mass.

Asst. biol., Clark Coll., 1906-7; Field fellow, 1908-9; lect. beekeeping, Mass. Agr. Coll., spring, 1906-7, 8, 10; collaborator Bur. Ent., U. S. Dept. Agr., Feb.-July, 1907, 1917-; expert in apiculture and asst., 1907-10; assoc. prof. beekeeping, apiarist Exp. Sta., and state insp. apiaries for Mass. Bd. Agr., Mass. Agr. Coll., 1910-8; prof. beekeeping, Ont. Agr. Coll. and provincial apiarist, 1918-9; present position, 1919-. Fellow A. A. A. S. Ex-pres. Nat. Beekeepers Assoc. —*b.* Worcester, Mass., Dec. 19, 1881; *s.* Chas. Burton and Ida E. (Noble) G.; reared in city and country; *m.* June 15, 1918. A.B., Clark Coll., 1905; A.M., Clark Univ., 1906; Ph.D., 1909. Kappa Phi.

Gates, Charles Winslow, farmer, Franklin, Vt.

Teach., Franklin Acad., 1881-5; merchant, 1884-1905. Mem. State Senate, 1900-1; state highway comnr., 1905-15; chm. State Highway Bd.; governor of Vt., 1915-6. Pres. Franklin Co. Fair Assoc., 20 yrs. Mem. bd. trustees Enosburg Falls Savings Bank and Trust Co. —*b.* Franklin, Vt., Jan. 12, 1856; *s.* Harrison and Loena Rebecca (Shedd) G.; reared on farm; *m.* Mary Elizabeth Hayden, Apr. 9, 1890 (d. 1913); 2d Mary E. Ide, June 24, 1924; *c.* Edith Rebecca, Paul Hayden, Winslow Harrison.

Gates, Edgar Ashley, manag. Gates Nursery and Gardens, Rapid City, S. D.

Fomerly instr. voc. agr., high-sch., Mt. Vernon, S. D. Sec.-treas. S. D. Voc. Agrl. Assoc. Corporal U. S. Army, 1918-9. —*b.* LaPorte City, Ia., May 21, 1893; *s.* Orrin B. and Florence (Ashley) G.; reared on farm; *m.* Marguerite McCain, Nov. 16, 1918. B.S., Ia. State Coll., 1918.

Gates, William Hazen, prof. zool. and ent., La. State Univ., Baton Rouge, La.

Biol., Mass. Fish and Game Comn., 1906-7; zool., Gulf Biol. Sta., La., 1908-10; dir., 1909-10; present position, 1909-. (Genetics of mice). —*b.* India, May 11, 1883; *s.* Louis Samuel and Fannie (Hazen) G.; *m.* Theodosia Jones, June 1, 1911. A.B., Williams Coll., 1906.

Gatlin, George O., assoc. marketing econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Farmer, 1911-8. —*b.* Murray, Ky., Nov. 3, 1888; *s.* Wm. P. and Effie (Cury) G.; reared in town; *m.* Loula Jones, Jan. 4, 1915; *c.* Eleanor Cury. LL.B., Cumberland Univ., 1910. Kappa Sigma.

Gauntt, Edwin Amor, asst. state dairy specialist, Exp. Sta., New Brunswick, N. J.

Co. club agt., Morris Co., N. J., 1923-5; present position, 1925-. Served in U. S. Navy, World War. —*b.* Burlington Co., N. J., Nov. 28, 1897; *s.* Amor J. and Caroline B. (Davis) G.; reared on farm; *m.* Gertrude C. Heim, June 1925. B.S.A., Cornell Univ., 1923. Sigma Pi.

Gay, Carl Warren, prof. an. husb., Ohio State Univ., Columbus, O.

Prof. vet. div., Ia. State Coll., 1901-4; asst. prof. an. husb., 1904-5; asst. prof. an. husb., Ohio State Univ., 1905-6; assoc. prof., 1906-7; prof. an. ind., Univ. Penn., 1907-16; prof. an. husb. and chm. an. ind. group, Univ. Minn., 1916-20; present position, 1920-. Manag. farm of Pa. Live-Stock Sanitary Bd., Media, 1911-6; dir. horse breeding, Pa. Dept. Agr., 1907-16. *Auth.*: Productive Horse Husbandry, 1914; Principles and Practice of Judging Live-Stock, 1914; ed., The Breeds of Live-Stock, 1916; contr. to Book of Rural Life. —*b.* Waverly, N. Y., Mar. 14, 1877; *s.* Chas. Warren and Lucy (Lemon) G.; reared in town; *m.* Catherine E. Andrews, Dec. 17, 1906; *c.* Hayward Andrews, Lucy Satterlee. D.V.M., Cornell Univ., 1899; B.S.A., Ia. State Coll., 1905; fellow Cornell Univ., 1 yr. Alpha Zeta; Alpha Gamma Rho.

Gay, Samuel Junious, teach. voc. agr., high-sch., Poughkeepsie, Ark.

Teach. voc. agr., high-sch., Bartlett, Tex., 1920-1; Vilonia, Ark., 1922-3; Poughkeepsie, 1923-. —*b.* Moscow, Tex., Feb. 2, 1899; *s.* H. S. and Theodora G.; reared on farm and in town. B.S., Tex. A. & M. Coll., 1922.

Gaylord, Fay C., assoc. in hort. ext., Purdue Univ., LaFayette, Ind.

Asst. hort. ext., Purdue Univ., 1917-22; assoc., 1922-. Sec. Ind. State Veg. Growers Assoc. (Veg. truck crops). —*b.* W. LaFayette, Ind., Mar. 19, 1889; *s.* Geo. C. and Julia (Shaw) G.; reared on farm; *m.* Ethel O. Dyer, 1918., *c.* Jas. D. B.S.A., Purdue Univ., 1917. Alpha Zeta.

Gearhart, Charles Reese, asst. prof. dairy husb. ext., Penn. State Coll., State College, Pa.

Dairy ext., Kans. State Agr. Coll., 1920-3; present position, 1923-. Served in U. S. Army, World War. —*b.* Sugar Valley, Pa.. Mar. 7, 1893; *s.* Theo. and Amanda (Snyder) G.; reared on farm; *m.* Mabel M. Cooper, June 15, 1922; *c.* Gayle Cooper. B.S.A., Univ. Mo., 1920.

Gearreald, Neal, dir. Sch. Agr., John Tarleton Agrl. Coll., Stephenville, Tex.

Teach. rural schs., 1905-8; teach. math., Uvalde high-sch., 1909-11; prof. math., Goodnight Coll., 1915-7; prof. math., Wayland Coll., 1917-8; rep. Tex. Sta. in Fed. Soil Survey, summer 1918; prof. voc. educ., John Tarleton Agrl. Coll., 1919; asst. dean and registrar, 1920; dir. Sch. Agr., 1920-. Farm operator, 1912-4. (Agrl. educ., agron.). —*b.* Proctor, Tex., Jan. 6, 1885; *s.* John Dawson and Martha Helen (Williams) G.; reared on farm; *m.* Etta Mae Tull, Dec. 29, 1909; *c.* Tull Neal, Helen Ruth. Grad. John Tarleton Coll., 1909; B.S., Tex. A. & M. Coll., 1919.

Gee, Wilson, prof. rural econ. and rural sociol., Univ. Va., University, Va.

Asst. biol., Univ. S. C., 1908-9; asst. zool., Univ. Wis., 1909-11; asst. prof. zool., Clemson Agr. Coll., 1911-2; fellow zool., Univ. Calif., 1912-3; prof. biol., Univ. S. C., 1913-4; prof. biol., Emory Univ., 1914-8; asst. dir. ext., Clemson Agr. Coll., 1918-9; prof. rural econ. and rural sociol., Univ. S. C., 1919-23; present position, 1923-. Yale Army Lab. Sch. and Cent. Med. Dept. Lab., A. E. F., 1918-9. Mem. Nat. Inst. Soc. Sciences. Contr. ed. Journal Soc. Forces; ed. Univ. Va. News Letter. —*b.* Union, S. C., Sept. 18, 1888; *s.* Reuben Thompson and Gertrude (Gist) G.; reared in town and on farm. B.S., Clemson Agr. Coll., 1909; M.A., Univ. S.C., 1910; Ph.D., Univ. Calif., 1913. Sigma Xi; Alpha Kappa Psi.

Geib, Horace V., assoc. prof. agron., Tex. A. & M. Coll., College Station, Tex.

Farm manag., Mich., 1913; soil surveyor, Univ. Wis., 1914-5; sci., Soil Survey, U. S. Dept. Agr., 1915-9; farm manag., Mich., 1920; soil surveyor, Tex. A. & M. Coll., 1921-3; present position, 1923-. —*b.* Caledonia, Mich., Sept. 11, 1890; *s.* Valentine and Ellen (Bowman) G.; reared on farm. B.S., Mich. Agr. Coll., 1912; M.S., Univ. Wis., 1925.

Geib, Warren Jacob, asst: prof. soils, Univ. Wis., Madison, Wis.

Soil survey field work, Bur. Soils, U. S. Dept. Agr., 1903-10; chg. work of Bur. in Wis. and Wis. Soil Survey, 1910-; asst. prof. soils, Univ. Wis., 1914-. Consulting soil specialist. Sec.-treas. Wis. Soil Improvement Assoc. *Auth.*: Hints to Homeseekers, 1913. *Ed.*-in-chief, The Journal of Soil Improvement. —*b.* Kent Co., Mich., Jan. 6, 1880; *s.* Valentine and Ellen (Bowman) G.; reared on farm; *m.* Edith R. Dresser, Sept. 28, 1904; *c.* Donna Sterling. B.S., Mich. Agr. Coll., 1902; M.S., 1915.

Geiger, Albert James, teach. voc. agr., high-sch., St. Cloud, Fla.

Served in U. S. Navy, World War. —*b.* Jasper, Fla., Mar. 29, 1900; *s.* Jas. K. and Viola (Yates) G.; reared on farm. B.S.A., Univ. Fla., 1923. Sigma Chi; Alpha Zeta; Phi Kappa Phi; Kappa Delta Pi.

Geise, Fred William, prof. truck crops, Univ. Md., College Park, Md.

Sci. asst., Bur. Plant Ind., U. S. Dept. Agr. 1917-9; assoc. plant path., Va. Truck Exp. Sta., 1920-3; present position, 1923-. —*b.* Waterloo, Wis., Apr. 1, 1893; *s.* Gustav and Louise (Groening) G.; reared on farm; *m.* R. Carrie Bolton, Oct. 19, 1918; *c.* Chas. Edward, Leona Adell. A.B., Neb. Wesleyan Univ., 1916; M.S., Univ. Chicago, 1917. Sigma Xi.

Gentry, Charles Burt, dean div. teacher-training, Conn. Agr. Coll., Storrs, and state superv. voc. agrl. educ., State Bd. Educ., Hartford, Conn.

Teach. rural sch., 1 yr.; teach. high-sch. and princ., 3 yrs.; teach. agr. State Normal Sch., Conway, Ark., and manag. sch. farm, 2 yrs.; teach. agr. and manag. sch. farm, State Normal Sch., Springfield, Mo., 4 yrs.; asst. prof. agrl. educ. and asst. state superv., Rutgers Coll., 1 yr. —*b.* Drexel, Mo., Oct. 3, 1884; *s.* John Henry and Sarah E. (Beaty) G.; reared on farm; *m.* Kathleen Moore, Aug. 1912; *c.* John Louis, Robt. Wilton. A.B., Warrensburg Normal Sch., 1911; B.S., Univ. Chicago, 1912; M.S.A., Cornell Univ., 1919. Phi Delta Kappa.

Genung, Albert B., agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

b. Freeville, N. Y., Dec. 7, 1890; *s.* Homer and Lena (Stone) G.; reared in country; *m.* Mildred A. Derrick, May 30, 1914. B.S., Cornell Univ., 1913. Sigma Phi Sigma.

George, D. Chauncey, state plant path. for Ariz. Comn. Agr. and Hort., Phoenix, Ariz.

Asst. plant path., Wash. Exp. Sta., 1912-7; present position, 1917-. (Parasitic diseases of long-staple cotton). —*b.* Emporia, Kans., Aug. 15, 1887; *s.* John W. and Elizabeth (Baker) G.; reared on farm; *m.* Iva B. Stratton, Aug. 14, 1913; *c.* Delbert J., Ralph L., Alice S. B.S., Wash. State Coll., 1912; M.S., 1916.

Georgeson, Charles Christian, dir. Alaska Exp. Sta., Sitka, Alaska.

Asst. ed. Rural New Yorker, 1878-80; prof. agr. and hort., Tex. A. & M. Coll., 1880-3; prof. agr., Imperial Univ., Tokyo, Japan, 1886-9; prof. agr., Kans. State Agr. Coll., 1890-7; special agt., Off. Exp. Stas., U. S. Dept. Agr., chg. Alaska invests., 1898-1912; agron. in chg., 1912-24; dir., 1924-. Fellow A. A. A. S. Special agt., U. S. Dept. Agr. to investigate dairy ind. in Denmark, 1893. (Plant-breeding). —*b.* Isl. of Langeland, Denmark, June 26, 1851 (naturalized 1880); *s.* J. C. and Jorgine (Hansen) G.; reared on farm and in village; *m.* Margaret Thompson Lovett, Jan. 2, 1882; *c.* Dagmar, Rosemary, Valdemar Lovett. B.S., Mich. Agr. Coll., 1878; M.S., 1882; D.Sc., 1916.

Gericke, William Frederick, asst. prof. plant nutr., Univ. Calif., Berkeley, Calif.

Instr. soil chem., Univ. Calif., 1912-6; asst. prof., 1916-. Fellow A. A. A. S. —*b.* Fremont, Neb., Aug. 30, 1884; *s.* Chas. L. and Fredericka (Weiersausen) G.; reared on farm; *m.* Stella Agnes Hartzell, May 28, 1912. B.S.A., Ia. State Coll., 1912; M.S., Univ. Calif., 1915.

Gerlaugh, Paul, ext. specialist an. husb., Ohio State Univ., Columbus, O.

Instr. an. husb., Penn. State Coll., 1913-7; prof., 1921-; co. agrl. agt., 1917-20; farm manag., 1920-1. Sec. Valley Grain Co. —*b.* Osborne, O., Apr. 21, 1891; *s.* C. L. and Julia (Hower) G.; reared on farm; *m.* Anna R. Brosey, Feb. 7, 1914; *c.* Julia Ann, Donald Brosey. B.S., Ohio State Univ., 1913; M.S., Penn. State Coll., 1917. Alpha Zeta.

Gernert, Walter Byron, manag. Jackson Hill Farm, Shelburn, Ind.

Asst. to asst. prof. plant-breeding, Univ. Ill., 1911-8; agrl. agt. Edgar Co., Ill., 1918-21; present position, 1921-. —*b.* Fredericksburg, Pa., Sept. 2, 1881; *s.* Hiram and Lucy (Kirst) G.; reared on farm and in town; *m.* Emma Rohweder, July 2, 1917; *c.* Jason Elbert, Max Riley. B.S., Kans. State Agr. Coll., 1907; M.S., Univ. Ill., 1909; Ph.D., 1911.

Getman, Arthur Kendall, state superv. agrl. educ., State Educ. Dept., Albany, N. Y.

Head agrl. teach.-training dept., Cortland Normal Sch., N. Y., 1911-5; asst. superv. agrl. educ., Albany, 1915-7; prof. agrl. educ., Rutgers Coll., 1917-9; present position, 1919-. —*b.* Richfield Springs, N. Y., June 20, 1887; *s.* Arthur R. and Carrie (Blackstone) G.; reared in village and on farm; *m.* Fredella E. Babcock, Dec. 25, 1912; *c.* Kendall G. B.S.A., Cornell Univ., 1911.

Getty, Robert Ellsworth, assoc. agron., Off. Forage Crops, U. S. Dept. Agr., Hays, Kans.

b. Waco, Neb., May 19, 1891; *s.* Reuben F. and May Evelyn (Garton) G.; reared on farm. A.B., York Coll., Neb., 1911; B.S.A., Univ. Neb., 1913.

Geyer, Earl Walker, plant-breeder, Anderson, Clayton & Co., Cotton Exchange Bldg., Houston, Tex.

General farmer, O., 1903-7; dairy farmer, N. Mex., 1909-10; sci. asst., U. S. Dept. Agr., 1914-7; agrst., Dept. Interior, Feb.-Nov., 1917; plant quarantine insp., Fed. Hort. Bd., Dallas, Tex., 1917-8; agron., Tex. Agr. Exp. Sta., 1918-22; tech. expert, Anderson, Clayton & Co., 1923; plant-breeder, 1924-. —*b.* Pomeroy, O., Sept. 25, 1886; *s.* David L. and Carolyn (Walker) G.; reared on farm; *m.* Florence Tirzah McCoy, June 19, 1917; *c.* Glenn Eugene. B.S.A., N. Mex. A. & M. Coll., 1914; M.S.A., Tex. A. & M. Coll., 1923. Alpha Pi Alpha.

Gholson, H. E., teach. voc. agr., high-sch., Clarksville, Tenn.

Live-stock farmer, 1915-; present position, 1921-. —*b.* Clarksville, Tenn., Feb. 14, 1890; *s.* A. R. and Jennie (Keesse) G.; reared on farm and in town; *m.* Nelle Slocum, Jan. 29, 1910; *c.* Virginia, Dorothy, Alex. B.S., Ia. State Coll., 1914. Kappa Sigma; Gamma Sigma Delta.

Giasson, Amedee, prof. chem., l'Ecole d' Agriculture, St. Anne-de-la-Pocatiere, Que.

Prof. Greek, Coll. de Sainte-Anne, 1916-8. —*b.* L'Islet, Que., Jan. 26, 1895; *s.* Theodore and Philia (Blais) G.; reared on farm. B.A., Laval Univ., 1915; B.Ph., 1916.

Gibbons, Clarence Edward, marketing specialist, U. S. Dept. Agr., Washington, D. C.

Market ed. Cleveland Leader, 1 yr.; ed. and manag. Cleveland Live Stock News, 11 yrs. (Marketing live-stock, meats and wool). —*b.* Tallmadge, O., Feb. 26, 1879; *s.* John Samuel and Verdilla (Adams) G.; reared in country and town; *m.* Irene Elizabeth Smith, June 30, 1909. A.B., Western Reserve Univ., 1905. Phi Gamma Delta.

Gibbs, Roy Delbert, teach. voc. agr., high-sch., Gouverneur, N. Y.

b. Westford, Vt., Dec. 16, 1897; *s.* Elwin Marvin and Effie Anna (Patrode) G.; reared in town. B.S., Cornell Univ., 1922.

Gibbs, William Merriott, prof. bact. and bact. Exp. Sta., Univ. Ida., Moscow, Ida.

Present position, 1919-. 2d Lieut. Sanitary Corps, World War. —*b.* Versailles, Mo., Mar. 24, 1892; *s.* John F. and Hannah M. (Merriott) G.; reared in town; *m.* Jean Ingelow Kendall, June 1922; *c.* Marian Frances. B.S., Univ. Mo., 1915; Ph.D., Univ. Wis., 1919.

Gibson, Arthur, Dominion ent. and head Ent. Branch, Dept. Agr., Ottawa, Ont.

Asst. ent. div., Cent. Expl. Farm, 1889-1905; asst. ent., Ent. Branch, 1905-8; chief asst. ent., 1908-14; chief div. field crops and garden insects, 1914-20; present position, 1920-. Fellow Ent. Soc. London; fellow and ex-pres. Ent. Soc. Amer.; fellow A. A. A. S.; ex-pres. Ent. Soc. Ont.; ex-pres. and ed. Ottawa Field Naturalists Club. —*b.* Toronto, Ont., Dec. 23, 1875; *s.* Donald and Mary (Miller) G.; reared in city and country; *m.* Rachel May Haley, May 18, 1906; *c.* Elaine Elinor, Geraldine, Barbara Isabel.

Gibson, Heber Howard, prof. agrl. educ., Ore. Agr. Coll., Corvallis, Ore.

Farm operator, O., 6 yrs.; Neb., 1 yr. Head dept. agr. and biol., Kearney State Normal Sch., 1915-6; dir. practice teaching in agr., Ia. State Coll., 1916-7; dir. agrl. educ., Vt., 1918-9; prof. agrl. educ., Univ. Ariz., 1917-20; present position, 1921-. —*b.* Gibson, O., Sept. 18.

1884; *s.* Samuel and Ella (Hafer) G.; reared on farm; *m.* Edith Grace Pattengill, Aug., 1910; *c.* Howard, Warren. A.B., Denison Univ., 1909; A.M., Columbia Univ., 1912; student Cornell Univ., 2 yrs.

Gibson, John Wesley, dir. elementary agrl. educ., Dept. Educ., Victoria, B. C.

Sci. master, Provincial Normal Sch., Ottawa, Ont., 1908-12; present position, 1914-; dir. Provincial Summer Sch. for Teach. —*b.* Carleton Co., Ont, Sept. 18, 1874; *s.* Robt. Alexander and Lucinda (Gillespie) G.; reared on farm; *m.* Belle Crawford Magee, Sept. 1, 1910; *c.* Jas. Alexander, Wm. Carleton, Isabel Victoria, Mary Gertrude. M.A., Queens's Univ., 1908.

Gibson, Lorne Alex, dairy comnr., Dept. Agr., Parliament Bldgs., Winnipeg, Man.

Manag. coop. creamery, P. E. I., 1898-1902; in chg. creameries in Sask., Dominion Dairy Branch, 1903-6; instr. dairying, Man. Agr. Coll., 1907-8; chief dairy insp., Winnipeg, 1909-10; manag. Carson Dairy Co., 1911-3; Man. Dairy Produce Grader, 1914-6; present position, 1917-. —*b.* P. E. I., Apr. 19, 1880; *s.* Wm. and Elizabeth (McLaughlin) G.; reared on farm; *m.* Jean Creighton, Sept. 16, 1908; *c.* Creighton, Douglas.

Giddings, Nahum James, prof. plant path. and plant path. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Asst. bot., Univ. Vt., 1906-9; bact., W. Va. Exp. Sta., 1909-12; plant path., 1912-; prof. plant path., W. Va. Univ., 1919-; acting dean, Coll. Agr., 1921-2. *Assoc. ed.,* Phytopathology. (Potato late blight and apple rust fungi). —*b.* Ira, Vt., Nov. 13, 1883; *s.* Silas and Birdie E. (Green) G.; reared on farm; *m.* Amy H. Hathaway, June 15, 1907; *c.* Sylvester N. B.S., Univ. Vt., 1906; M.S., 1909; Ph.D., Univ. Wis., 1918. Phi Beta Kappa; Sigma Xi; Alpha Zeta.

Gieseker, Leonard Frederick, asst. agron., Mont. Exp. Sta., Bozeman, Mont.

Student asst. soils, Neb. Exp. Sta., 1908-9; present position, 1909-; acting agron., 1917-9. (Soil tech.). —*b.* Denver, Colo., Oct. 6, 1883; *s.* C. H. and Mary Nora (Dietz) G.; reared in town; *m.* Marjorie Beth Taylor, Nov. 27, 1910; *c.* Marjorie Norabelle, Leonard F. Jr. B.S., Univ. Neb., 1908; M.S.A., Cornell Univ., 1914. Sigma Xi; Alpha Zeta; Alpha Chi Sigma.

Gifford, John Archie, teach. agr., high-sch., Mt. Juliet, Tenn.

Served in U. S. Army, 1918. —*b.* Winchester, Tenn., Jan. 28, 1898; *s.* P. A. and Sarah Jane (Clark) G.; reared on farm; *m.* Ruth Agnes Stansberry, June 26, 1924. B.S.A., Univ. Tenn., 1923.

Gifford, John Clayton, special agt. trop. agr. and for., Coconut Grove, Fla.

Instr. econ. bot., Swarthmore Coll., 1890-4; for., N. J. Geol. Survey, 1895-6; asst. prof. for., Cornell Univ., 1900-3; special agt., U. S. Dept. Agr., 1904. *Auth.:* Practical Forestry, 1901; The Everglades of Florida, 1911; Forests of New Jersey. —*b.* May's Landing, N. J., Feb. 8, 1870; *s.* Daniel and Emily (Frazier) G.; reared in small town; *m.* Edith Wright, May, 1896. B.S., Swathmore Coll., 1890; D.O.Ec., Univ. of Bavaria, Munich, 1899.

Gifford, John Edwin, dir. agr. for city of Worcester and teach. agr., North High-Sch., Worcester, Mass.

Stock farmer, 20 yrs.; instr. an husb., Essex Co. Agr. Sch., Mass., 3 yrs. Sec. Worcester Agrl. Soc., 2 yrs. Formerly co. agrl. agt., Rockville, Conn. —*b.* Brockton, Mass., Oct. 1, 1873; *s.* Thaddeus E. and Phebe E. (Brightman) G.; reared on farm; *m.* Luella Mary Dudley, Dec. 19, 1904; *c.* Chas. Edwin. B.S., Mass. Agr. Coll., 1894. Kappa Sigma.

Gilbert, Alfred Holley, asst. prof. bot., Univ. Vt., assoc. path., Exp. Sta., plant path. and insp., Vt. Dept. Agr., Burlington, Vt.

Special agt., Bur. Plant Ind., U. S. Dept. Agr., 1904-5; instr. agr. and farm manag., Boston Farm Sch., 1905-6; asst., asst. prof. and assoc. prof. bot. and hort., Univ. Ky., 1907-17; path. insp., Fed. Hort. Bd., 1917-8; ext. path.,

U. S. Dept. Agr., 1918-9; res. path., Vt. Exp. Sta. and potato insp., Vt. Dept. Agr., 1919-20; present position, 1920-. —*b.* Dorset, Vt., Dec. 1, 1878; *s.* Chas. Bowen and Caroline (Pratt) G.; reared on farm; *m.* Mary Magdalen Hottes, Apr. 4, 1918. B.S., Univ. Vt., 1904; M.S., Univ. Wis., 1913.

Gilbert, Arthur Benson, ed. and auth., Mound, Minn.

Coll. teach., 6 yrs.; assoc. ed., Nonpartisan Leader and special writer for Northwestern Serv. Bur. *Auth.*: American Cities, the Methods of Business, 1918; Making the Farm Pay, 1920. —*b.* Croton Lake, N. Y., Nov. 27, 1887; *s.* Chas. B. and Eleanor (Titus) G.; *m.* Helen Churchill Durgin, July 28, 1914. B.A., Yale Univ., 1910; M.A., Western Reserve Univ., 1914.

Gilbert, Arthur Witter, comnr. agr., Mass. Dept. Agr., State House, Boston, Mass.

Instr. agr. and superv. ext. courses, Univ. Me., 1905-6; asst. prof. agron., 1906-7; fellow Cornell Univ., 1907-8; asst. prof. plant-breeding, Cornell Univ., 1909-11; prof., 1911-6; sec. agrl. dept., Chamber of Commerce, Boston, Mass., 1916-9. Dir. Chautauqua Sch. Practical Agr., summers, 1908-10. Fellow A. A. A. S. Mem. council, Amer. Genetic Assoc.; sec. N. Y. Plant Breeders Assoc. Milk administrator of New England and sec. New England Regional Milk Comn. Farm operator. *Auth.*: (with Bailey) Plant-Breeding, 1915; The Potato, 1917. —*b.* W. Brookfield, Mass., Apr. 20, 1882; *s.* Lewis A. and Louise (Brigham) G.; reared on farm and in town; *m.* Susan Grace Cooper, June 8, 1910; *c.* Vincent Cooper, Ann Louise, Patricia Lamouroux. B.S., Mass. Agr. Coll., 1904; B.S., Boston Univ., 1904; M.S.A., Cornell Univ., 1905; Ph.D., 1909. Sigma Xi; Phi Kappa Phi; Alpha Sigma Phi; Alpha Zeta.

Gilbert, Boyd Duane, farmer, R. D. 3, Adams, N. Y.

Formerly co. agrl. agt., Scranton, Pa. —*b.* Rodman, N. Y., Apr. 16, 1885; *s.* Wm. R. and Estelle M. (Brown) G.; reared in village; *m.* Lena F. Butler, June 11, 1912. B.S.A., Cornell Univ., 1910.

Gilbert, Edward M., prof. bot. and plant path., Univ. Wis., Madison, Wis.

Teach. biol., normal sch., 1907-10; instr. bot., Univ. Wis., 1910-1; asst. prof., 1911-7; assoc. prof., 1917-23; prof., 1923-. Dir. Amer. Microscopical Soc.; mem. Wis. Acad. Sci. *Auth.*: (with C. E. Allen) High-school Botany, 1915; College Botany, 1924. —*b.* Blair, Wis., Sept. 20, 1875; *s.* Thos. and Julia (Jahr) G.; reared on farm and in village; *m.* Esther Montgomery Lowry, June 15, 1910; *c.* Jane, Thos., Edward Jr. Ph.B., Univ. Wis., 1907; Ph.D., 1914. Sigma Xi; Gamma Alpha (nat. pres.); Phi Sigma.

Gilbert, George Henry, dir. Bristol Co. Agrl. Sch., Segreganset, Mass.

b. Barre, Mass., Jan. 1, 1879; *s.* Wm. and Rosa M. (Goss) G.; reared on farm; *m.* Florence M. King, Dec. 15, 1903; *c.* Florence Beatrice. Ph.B., Boston Univ., 1901; grad. work Mass. Agr. Coll. Theta Delta Chi.

Gilbert, John Carleton, marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Teach. nat. sci., Nanking Univ., Nanking, China, 1908-9; China Nat. Inst., Shanghai, 1910; acting dir. Penn. Bur. Markets, 1920-1. Lieut. Okla. Nat. Guard, 1906-7; Y. M. C. A. sec. to Siberia, 1918-9. —*b.* Denver, Colo., Nov. 13, 1884; *s.* John A. and Louisa W. (Veatch) G.; reared in town and on farm; *m.* Anna Louise Rice, June 22, 1909; *c.* Ruth Louise. B.S., Okla. A. & M. Coll., 1904.

Gilbert, Walter Mairs, hort. and orchard manag., Leesport, Pa.

Teach. agr., high-sch., Ridgely, Md., 1923; Caroline high-sch., Denton, Md., 1924. —*b.* Spring City, Pa., July 18, 1901; *s.* Wm. I. and Mary Emma (Mairs) G.; reared on farm and in town. B.S., Univ. Del., 1923. Sigma Nu.

Gilbert, William Williams, path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. in bot., Univ. Vt., 1903-4; special agt., U. S. Dept. Agr., 1904-5; sci.

asst., 1905-8; asst. path., 1908-12; path., 1913-. Treas. Bot. Soc., Washington, 1923-. Fellow A. A. A. S. (Cotton and truck crop diseases). —*b.* Dorset, Vt., Sept. 17, 1880; *s.* Frederick F. and Mary (Williams) G.; reared on farm; *m.* Ottonie Elisabeth Ulrickson, June 24, 1907; *c.* Henry Philip. B.S.A., Univ. Vt., 1904; M.S., 1909; grad. student Univ. Wis., 1912, Geo. Washington Univ., 1913-4, Columbia Univ., 1914-5. Phi Beta Kappa.

Gilbertson, Henry Walter, ext. agrst., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Princ. graded schs., Minn., 1905-7; farm manag. invest., U. S. Dept. Agr., 1911-2; agrl. agt. Sussex Co., N. J., 1912-4; ext. field agt., U. S. Dept. Agr., in western states, 1915-8; in north central states, 1919-. —*b.* Rock Co., Minn., Nov. 19, 1881; *s.* Louis H. and Mary (Qualley) G.; reared on farm; *m.* Maud Hubbard, 1911; *c.* Gertrude, Warren, Kenneth, Robt., Henry W. B.S.A., Univ. Minn., 1910; M.S.A., Cornell Univ., 1911.

Gile, Philip Lindsey, chief div. soil chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

b. Melrose, Mass., Sept. 5, 1883; *s.* Daniel D. and Deliverance (Lindsey) G.; reared in town; *m.* Margaret White, Aug. 31, 1910; *c.* Philip L., John H. A.B., Harvard Coll., 1907.

Giles, John Kyrgess, asst. dir. ext., Univ. Ga., Athens, Ga.

Distr. agrl. agt., 1912; state agt. boys clubs, 1913-7; present position, 1917-. (Agron. and rural sociol.). —*b.* Douglasville, Ga., Feb. 26, 1884; *s.* F. M. and Georgia (Griffith) G.; reared on farm. B.S.A., Univ. Ga.

Gilfillan, May C., home dem. agt., St. Johnsbury, Vt.

b. Peacham, Vt.; *d.* Horace and Ella (Warden) G.; reared on farm. Student Bridgewater Normal Sch.; Sch. Dom. Sci., Boston.

Gilkey, John R., co. agrl. agt., Mansfield, Ohio.

(Agron.). —*b.* Hume, Ill., Apr. 23, 1893; *s.* Riggs and Hattie M. (King) G.; reared on farm; *m.* Esther L. Williams, 1915. B.S., Univ., 1916.

Gilkey, Royal, farmer, Royden Farm, Ithaca, N. Y.

Tech. asst., Bur. Farmers Insts., N. Y. State Dept. Agr. and clerk dairy products dept., N. Y. State Fair, 1909-11; instr. and superv. mailing room, Coll. Agr., Cornell Univ., 1911-4; officer, Sch. for Leadership in Country Life, 1912-4; asst. prof. in ext. serv. and superv. reading courses for the farm, 1914-9; asst. prof. pom., summer, 1918; formerly teach. agr., high-sch., Greene, N. Y.; teach.-biol., high-sch., Ithaca. —*b.* Watertown, Mass., Mar. 17, 1886; *s.* Jas. H. and Mary L. (Johnson) G.; reared in town and country; *m.* Eunice W. Jackson, Jan. 20, 1914; *c.* Eunice W., Royal C. B.S.A., Cornell Univ., 1908. Alpha Zeta.

Gillett, Frank Edwin, teach. voc. agr., high-sch., Fredericktown, Mo.

Farm manag., 1918-22; present position, 1923-. (Dairy husb.). —*b.* Hamilton, Mo., July 6, 1895; *s.* Wm. D. and Nellie A. G.; reared on farm; *m.* Nelle Marie Morgan, Dec. 26, 1918; *c.* Frances Marie, Neal Morgan. B.S.A., Univ. Mo, 1917; A.M., 1923. Alpha Gamma Rho.

Gillett, Roy Lewis, agrl. statistician, U. S. Dept. Agr., and dir. Bur. Statistics, N. Y. State Dept. Farms and Markets, Albany, N. Y.

Instr. farm manag., Cornell Univ., 1917-20; sci. soil survey, Bur. Soils, U. S. Dept. Agr., 1920-2; asst. statistician, N. Y. State Dept. Farms and Markets, 1922-4; present position, 1924-. —*b.* Hamilton, Mo., Apr. 8, 1891; *s.* Jerome B. and Ellen (Buffum) G.; reared on farm; *m.* Gertrude Helen Nelson, Sept. 26, 1918; *c.* Mary E., Ruth M. B.S., Cornell Univ., 1917; Ph.D., 1922.

Gillette, Charles F., lands. arch., Box 945, Richmond, Va.

Teach. public schs., Wis., 1905-7; with Warren H. Manning, Boston, Mass., 1908-15; private practice, 1915-.

Asst. town planner, U. S. Housing Corp. Traveled in Europe, 1912. (Rural arch.). —*b.* Chippewa Falls, Wis., Mar. 14, 1886; *s.* Orlando and Catherine (Melville) G.; reared on farm; *m.* Ellen Patterson Cogswell, Dec. 26, 1912.

Gillette, Clarence Preston, head dept. zool. and ent. and dir. Exp. Sta., Colo. Agr. Coll., Fort Collins, Colo.

Asst. zool. and ent., Mich. Agr. Coll., 1887; ent., Ia. Exp. Sta., 1888-90; head dept. zool. and ent., Colo. Agr. Coll., 1891-; dir. Colo. Exp. Sta., 1910-; state ent., Colo., 1907-. Fellow A. A. A. S. (Aphididae). —*b.* Lyons, Mich., Apr. 7, 1859; *s.* Wm. H. and Larissa E. (Preston) G.; reared on farm; *m.* Clara M. Smith, Mar. 31, 1886; *c.* Florence M., Nola Esther. B.S., Mich. Agr. Coll., 1884; M.S., 1889; D.Sc., 1917. Sigma Xi; Alpha Zeta.

Gillette, Lester S., farmer, breeder and judge of dairy cattle, Fostoria, Ia.

Instr. dairy husb., Ia. State Coll., 1914-5; asst. prof., 1915-7; assoc. prof. in chg., 1917-9. —*b.* Fostoria, Ia., June 28, 1892; *s.* Wm. R. and Eunice (Ulrey) G.; reared on farm; *m.* Cecilia E. Murray, Oct. 11, 1917; *c.* Jean Louise, Mary Elizabeth, Wm. Riley. B.S., Ia. State Coll., 1913; A.M., Univ. Mo., 1914. Sigma Xi; Phi Kappa Phi; Delta Sigma Rho; Alpha Zeta.

Gilman, Joseph Charles, assoc. prof. bot., Ia. State Coll., Ames, Ia.

Prof. biol., Ripon Coll., 1915-8; asst. path., Ia. Agr. Exp. Sta., 1918-21; asst. prof. bot., Ia. State Coll., 1921-4; assoc. prof., 1924-. (Plant path.). —*b.* Hastings, Neb., Mar. 23, 1890; *s.* Jas. Ward and Mary (Charles) G.; reared in town; *m.* Louise Thomas, Aug. 14, 1919; *c.* Ruth, David Ward. B.S.A., Univ. Wis., 1912; M.S., 1914; Ph.D., Washington Univ., 1915. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Gilmore, John Washington, prof. agron., Univ. Calif., Berkeley, Calif.

Asst. to dir. Hupeh Agr. Sch., Wuchang, China, 1898-1900; instr. agr., Normal Sch., Honolulu, H. I., 1900-1; organizer agrl. schools, Manila, P. I., 1901-2; instr. to asst. prof. agron., Cornell Univ., 1902-7; prof. agron., Penn. State Coll., 1907-8; pres. Coll. of Hawaii, Honolulu, 1908-13; present position, 1913-. Fellow A. A. A. S. Mem. Jury Awards, Panama-Pacific Expos., 1915. —*b.* White Co., Ark., May 9, 1872; *s.* Thos. Griffin and Emily Frances (Landrum) G.; reared on farm; *m.* Elizabeth M. Hitchcock, Aug. 23, 1900; *c.* J. Landrum, Raymond M., Harold V. B.S.A., Cornell Univ., 1898; M.S.A., 1906. Sigma Xi; Alpha Zeta.

Gilmore, William James, prof. farm mech., Ore. Agr. Coll., Corvallis, Ore.

Asst. prof. agrl. engin., Man. Agr. Coll., 1911-5; asst. prof. farm mech., Ore. Agr. Coll., 1915-6; prof., 1916-. In chg. Fed. threshing machine smut explosion and collection invests. of Pacific Northwest. Del. to Agrl. Engin. Convention, Chicago, 1914; Road Conference, Ia. State Coll., 1914. —*b.* Ames, Ia., Aug. 8, 1884; *s.* W. J. and Jerusha (Norton) E.; reared on farm; *m.* Faith H. Clark, Aug. 23, 1911; *c.* Junior. B. of C.E., Ia. State Coll., 1909; B.S., in A.E., 1911. Phi Kappa Psi.

Giltner, Ward, prof. bact. and hygiene and bact. Exp. Sta., dean vet. med., Mich. State Coll., E. Lansing, Mich.

Farm operator, 1901-3; instr. bact. and asst. vet. sci., asst. state vet., Ala. Exp. Sta., 1906-8; res. asst. bact. and instr., Mich. Agr. Coll., 1908-12; acting prof. bact. and hygiene, 1912-5; prof., 1915-; dean vet. med., 1923-. State vet. of Mich., 1912-4; mem. State Vet. Registry Bd., 1915; president Mich. Acad. Sci., 1921. *Auth.:* Laboratory Manual in General Microbiology, 1916. (Abortion in cattle; rural sanitation). —*b.* Ithaca, N. Y., Apr. 5, 1882; *s.* Richard Dana and Frances Victoria (Knickerbocker) G.; reared on farm and in city; *m.* Mabel A. Decker, Dec. 20, 1902; *c.* Dorothy D., Alice, Elizabeth, Wm. Ward, David. D.V.M., Cornell Univ., 1906; M.Sc., Ala. Poly. Inst., 1908. Sigma Xi; Alpha Psi; Alpha Zeta; Phi Sigma.

Girard, Roy Donald, owner and manag. commercial chick hatchery, Tipton, Ind.

Farmer and stockman, Butler, Ind., 1915, Tipton, 1916-9; agrl. agt. Tipton Co., 1919-21. —*b.* Idaville, Ind., Sept. 15, 1890; *s.* Chas. E. and Margaret Ann (Shafer) G.; reared on farm; *m.* Eva May Scroggs, Feb. 10, 1915; *c.* Mary Margaret. B.S.A., Purdue Univ., 1914. Alpha Zeta.

Girardot, Clifford C., teach. agr., high-sch., Friend, Neb.

Served in U. S. Army, 1918. (An. husb.). —*b.* Whiting, Ia., Apr. 26, 1900; *s.* John G.; reared on farm. B.Sc., Univ. Neb., 1922. Alpha Zeta.

Girrbach, George, ext. specialist in dairying, Mich. State Coll., E. Lansing, Mich.

Head agrl. training, General Hospital, Ft. Snelling, Minn., 1919; instr. voc. agr., 1919-21; community leader, Northfield, Minn., 1921-2; managing owner Rudyard Creamery, 1923; present position, 1924-. 1st Lieut. Field Art., U. S. Army, World War. —*b.* Minneapolis, Minn., Mar. 30, 1890; *s.* Geo. and Anna (Kreitzer) G.; reared on farm; *m.* Ethel Mae McEachern, Sept. 15, 1917. B.S., Univ. Minn., 1918; M.S., Mich. Agr. Coll., 1924.

Gist, Frank Whittaker, agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., Auburn, Ala.

Publisher weekly newspaper, 1884-1900. —*b.* Grenada, Miss., Jan. 28, 1866; *s.* Sam H. and Rosa (Greene) G.; reared on farm; *m.* Mrs. Minnie J. Hardy, June 13, 1892; *c.* Lillian Beryl. Grad. Pratt Acad., Six Mile, Ala.

Gist, Russell Henderson, distr. agrl. agt., R. D. 5, Weston, W. Va.

Formerly co. agrl. agt., Abingdon, Va. —*b.* Wellsburg, W. Va., Aug. 10, 1891; *s.* Samuel C. and Annie C. (Applegate) G.; reared on farm; *m.* Estella Fitch, June 5, 1917. B.S.A., W. Va. Univ., 1915. Sigma Nu.

Gladwin, Fred E., assoc. hort., N. Y. State Exp. Sta., Vineyard Lab., Fredonia, N. Y.

Teach. biol., high-sch., Dallas, Tex., 1904-7. Fruit-grower, Silver Creek, N. Y., 1911-20. (Viticulture). —*b.* N. Y. Mills, N. Y., Sept. 3, 1877; *s.* F. A. and Mariam (Irons) G.; reared in village and on farm; *m.* Florence Simmons, Dec. 7, 1904; *c.* Frederic J. B.S., Univ. Rochester, 1904. Theta Delta Chi.

Glanton, Louise Phillips, prof. clothing and textiles, Kans. State Agr. Coll., Manhattan, Kans.

Teach.-trainer, Speyer Sch., Columbia Univ., 1904-9; Stout Inst., Menomonie, Wis., 1910-6; dir. Woman's Land Army, N. H., 1917-9; Penn. State Coll., 1919-20; present position, 1920-. —*b.* Newnan, Ga.; *d.* Wm. E. and Georgia Virginia (Hardaway) G.; reared in town. B.S., Columbia Univ., 1905; M.A., 1917; student Yale Univ., 1924-5. Omicron Nu; Phi Kappa Phi.

Glasgow, Hugh, assoc. res. ent., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. ent., Univ. Ill., 1911-3; instr., 1913; present position, 1914-. —*b.* Tennessee, Ill., Nov. 17, 1885; *s.* Douglas and Margaret M. (Walker) G. B.S., Univ. Ill., 1908; Ph.D., 1913. Sigma Xi.

Glassco, Roy Thomas, co. agrl. agt., Janesville, Wis.

Manag. state farm, Geneva, Ill., 1915-7; teach. agr., high-sch., Rockford, Ill., 1917-9; present position, 1919-. (Dairying and hogs). —*b.* Tuscola, Ill., Sept. 7, 1883; *s.* G. M. and Sarah (Bond) G.; reared on farm; *m.* Verna May Alverson, Aug. 28, 1918; *c.* Raymond Geo. B.S., Univ. Ill., 1915.

Glasson, Edwin James, specialist in hort. and for. and assoc. ed. Experiment Station Record, States Relations Serv., U. S. Dept. Agr., Washington, D. C.; Sept. 6, 1878-Feb. 18, 1921. See Rus 1920.

Glatfelter, Guy Victor, asst. prof. an. husb., Mass. Agr. Coll., Amherst, Mass.

Asst. an. husb., Ia. Agr. Exp. Sta., 1920-1; present position, 1921-; an. husb. in beef cattle invests., U. S. Dept. Agr., 1922. —*b.* Jacobus, Pa., Jan. 28, 1893; *s.* Michael H. and Martha Jane (Brenneman) G.; reared in town; *m.* Isabel R. Houghton, Aug. 20, 1919. B.S., Penn. State Coll., 1919; M.S., Ia. State Coll., 1920. Kappa Sigma.

Glavin, John G., instr. voc. agr., Arms Acad., Shelburne Falls, Mass.

Jr. club leader, Worcester, Mass., 1914; instr. agr., Hitchcock Free Acad. and jr. club leader, Brinfield, 1916-9; assoc. ed. New England Homestead, Springfield, 1919-21; farm manag., 1921-4. —*b.* Guelph, Ont., Aug. 30, 1894; *s.* John D. and Mary (Porter) G.; reared on farm. B.S.A., Ont. Agr. Coll., 1916.

Gleason, J. Paul, ed. The Southwest Wheat Grower, Enid, Okla.

City ed. Enid Morning News; special correspondent Oklahoma City Times, Wichita Eagle, Tulsa World, Kansas City Post. —*b.* Woodland, Ia., July 31, 1902; *s.* W. L. and Alice (Lee) G.; reared in town. Student Univ. Okla., Phillips Univ.

Glover, Arthur James, editorial manag., Hoard's Dairyman, Ft. Atkinson, Wis.

Farmer, Dak., 2 yrs.; Minn., 10 yrs.; asst. prof. dairy husb., Univ. Ill., 3½ yrs. Mem. agrl. com., Wis. State Council Defense; pres. Wis. Dairy Council. (Dairy farming). —*b.* Zumbro Falls, Minn., Apr. 3, 1873; *s.* Jas. B. and Olive (Whaley) G.; reared on farm; *m.* Mayme L. Scofield, Dec. 25, 1899; *c.* Robt. B., Arthur J., Wilbur H., Myra L. B.Agr., Univ. Minn.

Glover, George Henry, head div. vet. med., Colo. Agr. Coll., Fort Collins, Colo.

Practiced in Denver, 1887-91; insp. on Nat. Cattle Trail, 1891-1900; present position, 1900-. City food insp., Fort Collins, 1907-. Pres. Amer. Vet. Med. Assoc., 1911; pres. Colo. Vet. Med. Assoc., 1909; pres. Amer. Vet. Assoc. of Coll. Faculties and State Examining Bds., 1911. —*b.* Eagle Grove, Ia., Apr. 2, 1864; *s.* Russell Bliss and Emily Cook (Garland) G.; *m.* Margaret J. Glover, Nov. 19, 1887. B.S., Colo. Agr. Coll., 1884; M.S., 1903; D.V.M., Ia. State Coll., 1885. Alpha Psi.

Gloyd, Frank H., dir. agr., State Dept. Agr., Olympia, Wash.

Farmer, Wash., 20 yrs.; banker, 15 yrs.; abstract of title, 15 yrs. County auditor, Pierce Co., Wash., 1 term, deputy, 9 yrs.; co. auditor Benton Co., 1 term; chief asst. dir. agr., 3 yrs. Sec. W. States Agrl. Rep. —*b.* Shelby Co., Ky., Jan. 21, 1862; *s.* Benj. F. and Susan R. (Mason) G.; reared on farm; *m.* Alida M. Spinning, Mar. 25, 1891; *c.* Frank Stewart, Chas. Hadley.

Gobble, Carl Flindt, assoc. prof. an. husb., Purdue Univ., LaFayette, Ind.

Student asst. farm crops, Ia. State Coll. Traveled in Europe. —*b.* Abingdon, Ia., Sept. 7, 1885; *s.* Lee T. and Margaret (Flint) G.; *m.* Cecilia M. Greenleaf, June 18, 1913; *c.* Virginia, Jas. Lawrence. B.S., Ia. State Coll., 1911. Delta Upsilon; Alpha Zeta.

Godbout, Joseph Adelard, prof. an. husb., Agrl. Coll. of St.-Anne-de-la-Pocatiere, Que.

Co. agrst. for L'Islet, 1922-5. Pres. L'Amicale des Anciens de St. Anne-de-la-Pocatiere; vice-pres. Que. sect. Canadian Soc. of Technical Agrsts. —*b.* St. Eloi, Que., Sept. 24, 1892; *s.* Eugene and Marie Louise (Duret) G.; reared on farm; *m.* Marie Dorilda Fortin, Oct. 9, 1923. B.A., Laval Univ., 1913; B.S.A., 1918.

Goddard, Effie, home dem. agt., Newport, Vt.

b. Cambridge, Mass., Jan. 5, 1901; *d.* Joseph V. and Aurélie C. (Grenier) G.; reared in city. Grad. Framingham Normal Sch., 1922.

Goddard, Loring Hapgood, farmer, Washington C. H., O.

Organized ext. dept., Ohio Exp. Sta., 1904-13; organized farm manag. dem., U. S. Dept. Agr., 1913-8; coop. marketing, Fayette Co., O., 1918-22; ext. work, U. S. Dept. Agr., 1922-3; office of Sec. of Agr., 1923-. —*b.* Washington Co., O., Dec. 21, 1868; *s.* Geo. Rodney and Esther Jane (Smith) G.; reared on farm; *m.* Ina Belle Rogers, Aug. 15, 1894; *c.* Verz Rogers. C.E., Ohio State Univ., 1892.

Godley, Lloyd John, co. agrl. agt., Woodward, Okla.

2d Lieut. Ark. Nat. Guard; served in U. S. Navy, 1917-9. —*b.* Zama, Ark., Apr. 2, 1895; *s.* W. O. and Mary Emma

(Purifoy) G.; reared on farm. B.S.A., Okla. A. & M. Coll., 1925. Alpha Zeta; Alpha Gamma Rho; Phi Kappa Phi.

Goff, Moulton B., fruit-grower and farmer, Sturgeon Bay, Wis.

Owner and manag. Guern-weal Farm, 1913-; co. agrl. agt., 1917-9. Mem. com. of 21 appointed by Amer. Farm Bur. to study fruit marketing problems. —*b.* Madison, Wis., June 15, 1889; *s.* Emmett Stull and Antoinette (Carr) G.; *m.* Agnes H. Davis, Aug. 20, 1913; *c.* Chas., Robt., Moulton, Emmett, Helen. B.S., Cornell Univ., 1913.

Gold, Arthur Alfred, chief hort., State Dept. Agr., Charleston, W. Va.

Farmer, nurseryman and fruit-grower, W. Va., 20 yrs.; pres. and general manag., W. Va. Orchard Developing Co. —*b.* Athens Co., O., Jan. 29, 1885; *s.* A. F. and Ida (Marshall) G.; reared on farm.

Gold, Charles Lockwood, farmer, W. Cornwall, Conn.

Pres. Conn. Pom. Soc.; pres. Conn. Sheepbreeders Assoc. (Fruit-growing). —*b.* Cornwall, Conn., Apr. 14, 1863; *s.* Theodore Sedgwick and Emma (Tracy) G.; reared on farm; *m.* Clara Sedgwick; *c.* Theodore Sedgwick, Jas. Douglass, Benj. Cleveland. Ph.B., Yale Univ., 1883.

Golding, Norman Shirley, assoc. prof. dairying, Univ. B. C., Vancouver, B. C.

Instr. dairying, Ont. Agr. Coll., 1910-2; Ia. State Coll., 1914; present position, 1919-. Captain Royal Army Med. Corp, 1915-9. (Dairy mycology). —*b.* Kent, England, Feb. 13, 1889; *s.* T. and S. (Barton) G.; *m.* Marion S. Hill. Dec. 1916. B.S.A., Univ. Toronto, 1914; M.S., Ia. State Coll., 1924.

Goldthwaite, Nellie Esther, assoc. prof. home econ. in chg. res., Colo. Agr. Coll., Ft. Collins, Colo.

Fellow chem., Univ. Chicago, 1894-7; head dept. chem., Mt. Holyoke Coll., 1897-1905; res. work, Rockfeller Inst. for Med. Res., 1906-8; asst. prof home econ., Univ. Ill., 1908-15; head dept. home econ., N. H. Coll., 1915-6; present position, 1919-. Fellow A. A. A. S. Traveled in Europe, 1914; Orient, 1916-9. —*b.* Jamestown, N. Y.; *d.* Lucian and Octavia (Churchill) G.; reared on farm. B.S., Univ. Mich., 1894; Ph.D., Univ. Chicago, 1904. Phi Beta Kappa; Sigma Xi; Omicron Nu; Kappa Mu Sigma.

Goll, Frank Louis, assoc. physiol., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. bot., Homoepathic Drug Mfg. Co., Philadelphia, 1 yr.; with U. S. Dept. Agr., 1901-. Traveled in S. Amer., 1910, France, 1919. (Legume bact.). —*b.* Philadelphia, Pa., Jan. 19, 1881; *s.* J. Geo. and Magdalene (Plesch) G.; reared in city; *m.* Ada Grundy, June 22, 1904; *c.* Katharine Eleanor.

Gomme, William Henry Francis, consulting hort., Box 688, Lakeland, Fla.

Employed at Royal Bot. Gardens, England, 1895-1903; part owner and general manag., Oakhurst Nursery Co., Jennings, La., 1903-6; manag. Exp. Farm, Heywood Oil Co., San Benito, Tex., 1906-7; asst. farm supt. and expert, U. S. Dept. Agr., 1907-15; dem. agt. Lake Co., Fla., 1915-9; distr. agt., S. Fla., Jan.-June, 1919; agt. Polk Co., 1919-24. Traveled in Europe. (Hort.). —*b.* Hampshire, England, June 1881 (naturalized 1910); *s.* Frank and Alice (Embleton) G.; *m.* Martha Putnam, Oct. 1905; *c.* Elmer. Educ. London Philological Coll. and Royal Bot. Garden Sch.

Gonser, Kenneth Earl, teach. voc. agr., high-sch., Angola, Ind.

With Engin. Corps, U. S. Army, 1918-9. (An. husb.). —*b.* Hudson, Ind., Dec. 22, 1895; *s.* Robt. M. and Lillian (Bonbrake) G.; reared on farm; *m.* Ruth Green, Aug. 1, 1923; *c.* Beverly Marie. B.S.A., Purdue Univ., 1920. Phi Kappa Tau.

Good, Edwin Stanton, prof. an. husb. and chm. an. ind. group., Univ. Ky., Lexington, Ky.

Instr. and invest. beef cattle, Univ. Ill., 1903-6. Invest. live-stock conditions in Europe, 1905. —*b.* Clarence Center, N. Y., Mar. 16, 1871; *s.* John and Esther (Hummel) G.; reared on

farm; *m.* Louise Austin Millikan; *c.* John Wolcott. B.S., Mich Agr. Coll., 1903; M.S., Univ. Ill., 1906. Sigma Xi; Alpha Zeta; Sigma Alpha Epsilon.

Good, Howard Housel, teach. voc. agr. and supt. schs., Northport, Mich.

Teach. agr., high-sch., Hanover, Ind., 1919-20; Gosport, 1920-2; Sullivan, O., 1922-3; Northport, Mich., 1923-. (Poultry). —*b.* Northumberland, Pa., Mar. 21, 1893; *s.* Albert T. and Ada (Sassaman) G.; reared on farm; *m.* Florence Eva Sevesion, Aug. 14, 1917; *c.* Harold Kenneth. B.S., Penn. State Coll., 1919; M.S., Cornell Univ., 1924.

Good, William Charles, farmer, Paris, Ont.

Asst. chem., Ont. Agr. Coll., 1902-3; farmer, 1903-; lect. on rural econ., Macdonald Coll., 1913-4. Pres. United Farmers Coop. Co., 1914; vice-pres. Brant Farmers Coop. Soc., 1918. *Auth*: Production and Taxation in Canada, 1919. (Rural sociol. and econ.). —*b.* near Brantford, Ont., Feb. 24, 1876; *s.* Thos. Allen and Mary Addington (Ballachey) G.; reared on farm; *m.* Jean Fairbairn McCormick, Dec. 3, 1908; *c.* Elizabeth A., Allen C., Wm. A., Norman E., Harold M., Robt. G. B.A., Univ. Toronto, 1900.

Goodale, Ben Edmund, assoc. prof. dairying, Clemson Agr. Coll., Clemson College, S. C.

Served in A. E. F., 1917-9. —*b.* Marshalltown, Ia., Apr. 22, 1897; *s.* Robt. Gordon and Minnie Belle (Wolfgang) G.; reared on farm; *m.* Nelson Boyd Murray, June 8, 1923; *c.* Gordon Murray. B.S., Ia. State Coll., 1922. Tau Kappa Epsilon.

Goodding, Thomas Homer, asst. prof. agron., Univ. Neb., Lincoln, Neb.

Instr. agr., high-sch., Glidden, Ia., 1916-7; agrl. ext., Univ. N. H., 1917-9; present position, 1919-. —*b.* Macon, Mo., Apr. 9, 1890; *s.* Thos. S. and Henrietta (Dale) G.; reared on farm and in town; *m.* Laura Birdie Slueman, 1917; *c.* Geo. Vernon, Richard Dale, John Alan. B.S., Univ. Neb., 1916; M.S., 1922. Alpha Zeta; Gamma Sigma Delta.

Goode, Robert James Jr., farmer, Gastonburg, Ala.

Farmer and stockman, 1919-; in insurance business, 1912-. Mem. Ala. Legislature, 1915-9, 1923-7; mayor Gastonburg, 1910-4. Mem. Ala. State Live Stock Sanitary Bd., 1915-; mem. State Bd. Agr., 1924-30; sec. Ala. Hereford Cattle Breeders Assoc. (Registered Hereford cattle). —*b.* Prairie, Ala., Aug. 2, 1888; *s.* R. J. and Annie L. (Gaston) G.; reared in town; *m.* Grace E. Pugh, Apr. 24, 1912; *c.* Sarah Emily, Josephus Pugh. A.B., Marion Inst., 1908; B.S., Univ. Penn., 1910. Delta Kappa Epsilon.

Goodell, Carrol John, assoc. prof. an. husb. Miss. A. & M. Coll., Agricultural College, Miss.

Farm manag., Lews McNutt, Brazil, Ind., 1909-10; farmer, Ill., 1910-; chg. beef cattle ext., Univ. Ga., 1914-6; U. S. Dept. Agr., 1917-8; with Miss. A. & M. Coll., 1918-. —*b.* Sheldon, Ill., Mar. 19, 1888; *s.* Chas. J. and Helen Maie (Isaacson) G.; reared on farm; *m.* Josephine M. Barsalou, June, 1910; *c.* Helen Maie. Student Valparaiso Univ. and Purdue Univ. Alpha Gamma Rho; Alpha Zeta.

Goodling, Cletus L., assoc. prof. farm manag., Penn. State Coll., State College, Pa.

Asst. dairy husb., Penn. State Coll., 1907-9; supt. coll. farms, 1909-. —*b.* Loganville, Pa., Jan. 4, 1885; *s.* David B. and Emma (Sprenkle) G.; reared in town and on farm; *m.* May Park; *c.* Emily May, Catherine Elizabeth. B.S., Penn. State Coll., 1907; M.S., 1910. Alpha Zeta.

Goodman, Albert A., co. agrl. agt., Norwood, Colo.

Vet. insp., Bur. An. Ind., U. S. Dept. Agr., 4½ yrs.; supt. C. Lasater Dairies, Falfurrias, Tex., 1½ yrs. 2d Lieut. Vet. Corps, U. S. Army, 1918-9. —*b.* Pueblo, Colo., Aug. 31, 1890; *s.* Wm. and Rebecca (Easterly) G.; reared on farm. D.V.M., Colo. Agr. Coll., 1915.

Goodman, Alpheus Mansfield, asst. ext. prof. rural engin., Cornell Univ., Ithaca, N. Y.

Formerly dairy husb. in chg. Denison Dairy Dem. Farm, Denison, Tex. —*b.* Salisbury Mills, N. Y., Jan. 29, 1885; *s.* Alpheus and Eunice (Denniston) G.; reared on farm; *m.* Clara Witmer Browning, July 12, 1916; *c.* Clara Ellsworth, Eunice Denniston, Robt. Browning, Eleanor Mansfield. B.S.A., Cornell Univ., 1912.

Goodman, Francis Leslie, farmer, Osoyoos, B. C.

Cold storage specialist, govt. B. C., 1914; field superv., Canadian Soldier Settlement Bd., 1919-21; distr. hort., 1921-2; fruit-grower and poultryman, 1922-. Capt. Inf. Canadian Army, 1915-9; awarded British Military Cross, British War Medal, Victory Medal. Traveled in Europe and S. Amer. —*b.* London, England, Mar. 26, 1889; *s.* Chas. and Lily (Bagley) G.; reared in town and country; *m.* Elizabeth Buckland, June 14, 1922; *c.* Chas. Eric. B.S.A., Ont. Agr. Coll., 1915.

Goodspeed, Charles M., ed. Special Crops, Skaneateles, N. Y.

Chm. Co. Bd. Supervisors, 1916-26; grower of medicinal plants. —*b.* Broom Co., N. Y., Jan. 8, 1854; *s.* W. L. and Esther J. (Snydam) G.; reared in village; *m.* E. A. Eggleston, Dec. 24, 1873; 2d, Elizabeth Harris, Jan. 8, 1890.

Goodwin, Ozias T., sec.-treas. and manag. Mich. Producers Dairy Co., Adrian, Mich.

Instr. an. husb., Univ. Ga., 1913-5; adj. prof., 1915-8; ext. specialist dairy manufactures, Mich. Agr. Coll., 1918-9; assoc. prof., 1919-23; present position, 1923-. (Butter, ice-cream). —*b.* Ionia, Mich., Jan. 27, 1889; *s.* C. I. and Sophia (Ursula) G.; reared on farm; *m.* Corrine Wolverton, Aug. 22, 1917; *c.* Agnes Sophia, Donald Talcott. B.S.A., Mich. Agr. Coll., 1913. Alpha Zeta.

Gordon, Morris Meriwether, farmer, R. F. D. 4, Clarksville, Tenn.

Dairy farmer, Va., 1 yr.; manag. commercial orchard, Tenn., and farmer, 4 yrs.; co. agrl. agt., Fulton, Ky., 1917-9. —*b.* Todd Co., Ky., Feb. 7, 1891; *s.* Jas. Morris and Nancy (Meriwether) G.; reared on farm; *m.* Mollie Ferguson, Apr. 2, 1918; *c.* Morris M. Jr. B.A., Wilmington Coll., O., 1909; B.S.A., Bethany Coll., W. Va., 1917. Kappa Alpha.

Gordon, William Catron, vice-pres. Farmers Savings Bank, Marshall, Mo.

Teach. Latin and Greek, Cent. High-Sch., St. Paul, Minn., 1900-2; Cent. High-Sch., Kansas City, Mo., 1902-8. Pres. Mo. Bankers Assoc., 1915-6, chm. agrl. com., 1919-20; mem. exec. council, Amer. Bankers Assoc., 1917-20, mem. agrl. comn., 1915-. Manag. 12th distr. Mo. War Loan organization. —*b.* Waverly, Mo., Aug. 11, 1878; *s.* Jas. A. and Margaret E. (Catron) G.; reared in town; *m.* Leonora Yeager, June 22, 1904; *c.* Wm. C. Jr., Mary Margaret. A.B., Mo. Valley Coll., Marshall, 1898; A.B., Harvard Univ., 1899; A.M., 1900.

Gore, Howard Mason, stockman and farmer, Clarksburg, W. Va.

Chief trade practice div., Packers and Stockyard Adminis., 1921-3; asst. sec. agr., 1923-5; governor of W. Va., 1925-. Dir. Nat. Fed. Farm Burs.; pres. W. Va. Live Stock Assoc., 1912-6; pres. W. Va. Hereford Breeders Assoc., 1918-21. Asst. state food adminis. (Beef cattle). —*b.* Clarksburg, W. Va., Oct. 12, 1877; *s.* Solomon D. and Marietta P. (Rogers) G.; reared on farm; *m.* Roxie C. Bailey. A.B., W. Va. Univ., 1900. Phi Sigma Kappa.

Gore, Thomas Pryor, senator, Lawton, Okla.

Sch. teach., 1890-1; began practice of law in Miss., 1892; removed to Tex., 1895. Mem. Okla. Territorial Council, 1903-5; U. S., Senator from Okla., 1907-9, 1909-21. Mem. exec. com., Dem. Nat. Com., 1912-. Mem. U. S. Rural Credit Comn.; chm. com. on agr. and for., U. S. Senate, 63, 64, 65 Congresses. —*b.* Webster Co., Miss., Dec. 10, 1870; *s.* Thos. Madison and Carrie Elizabeth (Wingo) G.; *m.* Nina Kay, Dec. 27, 1900. B.L., Cumberland Univ., Tenn., 1892.

Gorham, Alexander Campbell, dir. elementary agrl. educ. in rural schs. of N. B., Sussex, N. B.

Asst. prof. hort. and manag veg. gard. dept., Macdonald Coll., Que., 1913-8. —*b.* St. John, N. B., Jan. 28, 1887; *s.* Geo. and Sarah (Campbell) G. B.S.A., McGill Univ., 1913; M.Sc., Cornell Univ., 1919.

Gorham, Willis Ray, asst. prof. agrl. ext. Penn. State Coll., State College, Pa.; Nov. 4, 1879-Mar. 29, 1925. See Rus 1920.

Gorrell, Alphonso, instr. voc. agr., high-sch., Mexico, Mo.

Asst. prof. agr., Springfield Teach. Coll., 1918; Warrensburg State Teach. Coll., 1918-9; present position, 1919-. —*b.* El Dorado Springs, Mo., Dec. 6, 1888; *s.* J. T. and Mary Evoline (Madaus) G.; reared on farm; *m.* Ethel Harvey, Apr. 7, 1917; *c.* Jessie Lee, Leon Harvey. B.S., Univ. Mo., 1916. Alpha Gamma Rho.

Gortner, Ross Aiken, prof. agrl. biochem. and chief div. agrl. biochem. Exp. Sta., Univ. Minn., St. Paul, Minn.

Res. asst. agrl. chem., Univ. Neb., 1906-7; asst. chem., Faculty Arts, Univ. Toronto, 1907-8; resident invest. biol. chem., Sta. for Exp. Evolution of Carnegie Inst. of Washington, Cold Spring Harbor, N. Y., 1909-14; assoc. prof. soil chem., Univ. Minn., and assoc. soil chem. Exp. Sta., 1914-6; assoc. prof. agrl. biochem. and assoc. agrl. biochem. Exp. Sta., 1916-7; present position, 1917-. Fellow Chem. Soc., London,; fellow A. A. A. S. *Asst. ed.,* Chemical Abstracts, Bio-Chem. Bull. (Chem. of proteins and colloids). —*b.* near O'Neill, Neb., Mar. 20, 1885; *s.* Joseph Ross and Louisa E. (Waters) G.; reared on farm; *m.* Catherine V. Willis, Aug. 4, 1909; *c.* Elora Catherine, Ross Aiken Jr., Willis Alway, Alice Louise. B.S., Neb. Wesleyan Univ., 1907; M.A., Univ. Toronto, 1908; Ph.D., Columbia Univ., 1909. Sigma Xi; Phi Lambda Upsilon (nat. pres., 1922-6); Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Goss, Albert S., farmer, master Wash. State Grange, 10054 63rd Ave. S., Seattle, Wash.

b. Rochester, N. Y., Oct. 14, 1882; *s.* John W. and Flora M. (Alling) G.; *m.* Minnie E. Hand, Dec. 21, 1907; *c.* Ruth D., Warren H., Betty J.

Goss, Chester Allen, ed. The Dairy Farmer, Des Moines, Ia.

Head dept. agr., Drake Univ., Des Moines, Ia., 1915-6; assoc. ed., Successful Farming, 1916-22; present position, 1922-. (Live-stock and dairying). —*b.* Huron, S. D., Aug. 21, 1892; *s.* Geo. P. and Edna (Fox) G.; reared on farm; *m.* Edna Nichols, Dec. 28, 1916. B.S.A., Ia. State Coll., 1915. Sigma Delta Chi.

Goss, Emery Fox, assoc. prof. dairying, Ia. State Coll., Ames, Ia.

Asst. prof. dairying, Univ. Ida., 1916-7; assoc. prof., 1917-9; present position, 1919-. (Dairy manufactures). —*b.* Huron, S. D., Feb. 23, 1891; *s.* Geo. P. and Edna Belle (Fox) G.; reared on farm; *m.* Amy L. Middleton, Aug. 10, 1916. B.S., Ia. State Coll., 1915; M.S., 1916. Phi Kappa Phi; Phi Lambda Upsilon.

Goss, Leonard Whittlesey, prof. vet. path., Ohio State Univ., Columbus, O.

Asst. vet. sci., Kans. State Agr. Coll., 1905-7; instr., 1907-9; asst. prof., 1909-13; prof. path., 1913-9; res. path., Parke-Davis & Co. Biol. Res. Laboratories, Detroit, Mich., 1919-20; present position, 1920-. Chm. com. on intelligence and educ., Amer. Vet. Medical Assoc.; rep. to Nat. Res. Council. —*b.* Edinburg, O., Apr. 26, 1877; *s.* Ambrose S. and Clara (Whittlesey) G.; reared in village; *m.* Florence Joyce, Sept. 17, 1908; *c.* Clara Louise, Leonard Joyce, Florence Joyce. D.V.M., Ohio State Univ., 1905; student Berlin Vet. Coll. and Univ. Berlin, 1911-2. Sigma Xi; Alpha Xi; Phi Kappa Phi; Gamma Sigma Delta.

Goss, Robert Whitmore, asst. prof. plant path. and assoc. plant path. Exp. Sta., Univ. Neb., Lincoln, Neb.

Asst. plant path., Mich. Agr. Coll., 1915-6; Univ. Del., 1917-8; with U. S. Dept. Agr., 1920; present position, 1920-. Served in U. S. Army, 1918-9. (Potato diseases). —*b.* Fall River, Mass., May 27, 1891; *s.* John and Mar-

garet (Murray) G.; reared in city; *m.* Betty Walker, Sept. 7, 1921. B.S., Mich. Agr. Coll., 1914; M.S., 1915; Ph.D., Univ. Wis.

Gossard, Harry Arthur, ent., Ohio Exp. Sta., Wooster, O.

Asst. ent., Ia. Exp. Sta., 1890-2; princ. Albion Sem., 1893-5; instr. sci., high-schs., Rochester, Minn. and Princeton, Ill., 1895-8; prof. ent., zool. and geol., Univ. Fla., 1899-1904; ent., Fla. Exp. Sta., 1899-1904; present position, 1904-; non-resident prof. econ. ent., Ohio State Univ., 1917-. Fellow A. A. A.S. Copartner in Summit Nurseries, Monticello, Fla., 1904-19; vice-pres., 1919-. (Relation of insects to transmission of veg. diseases). —*b.* Ames, Ia., Feb. 7, 1868; *s.* Thos. M. and Sarah J. (Emery) G.; reared on farm; *m.* Lora H. Clark, July 21, 1903; *c.* Atherton Clark, Thos. Emery, Harold Arthur. B.S., Ia. State Coll., 1889; M.S., 1892. Sigma Xi; Phi Kappa Phi.

Gott, Francis Hastings, lands. arch., 217 East Ave., Rochester, N. Y.

Asst. in lands. arch. office, 1908-15; private practice, 1915-. Mem. Amer. Soc. Lands. Arch. Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Irondequoit, N. Y., Oct. 23, 1886; *s.* Frederick E. and Anne Clark (Hastings) G.; reared on farm; *m.* Martha Barker, Mar. 30, 1920; *c.* Anne Hastings, Orrin Barker. Student Univ. Rochester, 1906-8; Harvard Univ., 1911-3; Univ. Bellvue, France, 1919. Alpha Delta Phi.

Gould, Harris Perley, pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Me. Exp. Sta., 1892-6; asst., Cornell Univ. Exp. Sta., 1897-8; nursery and orchard insp., N. Y. State Dept. Agr., 1898-9; asst. ent., Md. Agr. Coll. and Exp. Sta., 1899-1900; acting ent. and asst. hort., 1901; asst. pom. and pom., U. S. Dept. Agr., 1901-. Sec. Md. State Hort. Soc., 1901. *Auth.*: Peach-Growing, 1918. —*b.* N. Bridgton, Me., Sept. 6, 1871; *s.* Chas. H. and Bethia S. (Wadsworth) G.; reared on farm; *m.* Alice H. Peabody, Apr. 24, 1905; *c.* Lawrence P. B.S., Univ. Me., 1893; M.S., Cornell Univ., 1897. Beta Theta Pi.

Gould, Lee H., co. agrl. agt., Nogales, Ariz.

Distr. agrl. agt., 1913-7; with Gould Grain Co., Bucklin, Kans., 1917-22; agt. Santa Cruz Co., 1922-. (Live-stock). —*b.* Gainesville, Ga., Oct. 18, 1884; *s.* W. H. and Eola S. (Byers) G.; reared on farm; *m.* Florence Byrd, June 12, 1917. B.S., Kans. State Agr. Coll., 1912.

Gould, Walter Hollis, minister, Cambridge, Vt.

Distr. sch. teach., Lunenburg, Vt., 1904-5; bookkeeper and head clerk, Taft & O'Dell Fuel Co., Montpelier, 1907-8; princ. grammar sch., W. Barnstable, Mass., 1917; pastor Community Methodist Church, Cambridge, Vt., 1917-. Designated "Rural Liberty Pastor" for services in Liberty Loan campaigns. —*b.* Danville, Vt., June 19, 1885; *s.* John Spencer and Carrie May (Gould) G.; reared on farm; *m.* Eva Thompson, June 3, 1915; *c.* Lois Parker. B.S., Univ. Vt., 1914; S.T.B., Garrett Biblical Inst., 1916. Phi Mu Delta.

Gourley, Joseph Harvey, chief dept. hort., Ohio Agr. Exp. Sta., Wooster, O.

Asst. hort., Ohio Exp. Sta., 1908-10; asst. prof. hort., Ohio State Univ., 1910-2; prof. hort., N. H. Coll., 1912-20; vice-dir. Exp. Sta., 1919-20; prof. hort., W. Va., Univ., 1920-1; present position, 1921-. Pres. Amer. Soc. Hort. Sci., 1923. *Auth.*: Text-Book of Pomology, 1922; Orchard Management. *Ed.* for hort., Botanical Abstracts. (Soil fert. problems of orchard, flower-bud formation). —*b.* Homer City, Pa., July 1, 1883; *s.* John and Lizie (Harvey) G.; reared in town; *m.* Lucy M. Kinney, June 7, 1911; *c.* Margaret Anita, Lucy Elizabeth. B.S., Ohio State Univ., 1908; M.S., 1915. Sigma Xi; Alpha Zeta; Alpha Tau Omega.

Graber, Laurence Frederick, prof. agr., Univ. Wis., Madison, Wis.

Sec. and organizer, The Alfalfa Order. Del. Nat. Corn Show, Columbia, S. C., Dallas, Tex.; Panama-Pacific Expos. (Alfalfa). —*b.* Mineral Point, Wis., Mar. 5, 1887; *s.* Louis and Salome (Engels) G.; reared on farm. B.S., Univ. Wis., 1910; M.S., 1912. Sigma Xi; Alpha Zeta.

Gracy, Brainard Bradshaw Jr., instr. an. husb., Middle Tenn. State Normal, Murfreesboro, Tenn.

Instr. sci. and hist., Rhea Co. high-sch., Dayton, Tenn., 1915-7; co. agrl. agt., Loudon Co., Tenn., 1917-8; present position, 1918-. —*b.* Smyrna, Tenn., Sept. 11, 1891; *s.* Brainard Bradshaw and Mittie (Moore) G.; reared on farm; *m.* Emma Belle Adkerson, May 9, 1916; *c.* Martha Moore, Brainard B. B.S.A., Univ. Fla., 1915.

Graddy, Ivan Clay, co. agrl. agt., Elkton, Ky.

Formerly co. agrl. agt., Greenville, Ky. (Soil fert.). —*b.* McClean Co., Ky., Nov. 28, 1894; *s.* W. L. and Priscilla (Tucker) G.; reared on farm; *m.* Alfretta Dunn, Feb. 24, 1918. B.S.A., Univ. Ky., 1917.

Graeber, Robert Walter, co. agrl. agt., Statesville, N. C.

Asst. dairyman, N. C. Dept. Agr., 1911-2; co. agrl. agt., Charlotte, N. C., 1913-6; Lancaster, S. C., 1917-8; Bishopville, S. C., 1919; Statesville, 1920-. (Dairy cattle and hogs). —*b.* Rowan Co., N. C., Jan. 1, 1888; *s.* Harvey A. and Margaret A. (Lippard) G.; reared on farm; *m.* Margaret Emma Shepherd, Dec. 24, 1912. B.S., N. C. State Coll., 1911.

Graf, John Enos, ent. in chg. truck crop insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Ent. asst., Bur. Ent., Calif., 1911-5; ent., Ky. Tobacco By-Products Co., Louisville, 1916; ent. asst., Bur. Ent., Fla., 1917-8; ent. in chg. field work, truck crop insect invests., Fla. and Ala., 1919-22; present title, 1923-. —*b.* Banning, Calif., May 28, 1889; *s.* Conrad and Marie (Frey) G.; reared in small town. A.B., Pomona Coll., 1910.

Graff, Edgar Fisher, distr. agrl. ext. agt., Ia. State Coll., Ames, Ia.

Agrl. agt. Johnson Co., Ia., 1917-20; present position, 1920-. —*b.* Greensburg, Pa., June 21, 1894; *s.* Frank Nelson and Kate (Dick) G.; reared in city; *m.* Irma Camp, Aug. 20, 1923. B.S., Ia. State Coll., 1917. Phi Sigma Kappa; Alpha Zeta; Delta Sigma Rho.

Graham, Albert B., agrl. ext. specialist, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Supt. rural schs., 10 yrs.; supt. agrl. ext., Ohio State Univ., 1905-14; chg. ext. work, N. Y. State Sch. Agr., Farmingdale, L. I., 1914-5; present position, 1915-. —*b.* Champaign Co., O., Mar. 13, 1868; *s.* Joseph A. and Esther P. (Reeder) G.; reared on farm and in village; *m.* Maud Keyte Lauer, Aug. 14, 1890; *c.* Emerson Blair, Rettie Elizabeth, Walter Scott, Helen Esther, Joseph Raymond. B.S., Nat. Normal Univ., Lebanon, O., 1888.

Graham, Ira Day, live-stock specialist, State Bd. Agr., Topeka, Kans.

Prof. commercial law, Kans. State Agr. Coll., 19 yrs.; asst. and acting chief dept. of live-stock, Panama-Pacific Expos., 1913-5. Sec. Kans. Improved Stock Breeders Assoc.; sec. Kans. State Dairy Assoc.; sec. Kans. State Swine Breeders Assoc.; sec. Shawnee Alfalfa Club; sec. Shawnee Improved Stock Breeders Assoc. *Ed.,* Kansas Farmer, 13 yrs.; Rural Spirit, Portland, Ore., 1 yr. (Pure bred live-stock). —*b.* Vinton, Ia., Aug. 29, 1859; *s.* David Nelson and Clarissa (Chase) G.; reared on farm; *m.* Mary E. McConnell, June 12, 1883; *c.* Agnes, Lloyd McConnell, Ardi McConnell. B.Sc., Abingdon Coll., Ill.; M.Sc., Eureka Coll., 1886.

Graham, John Cameron, prof. poultry husb. and head dept., Mass. Agr. Coll., Amherst, Mass.

Pres. Amer. Assoc. Instrs. and Invests. in Poultry Husb. State leader poultry club work. —*b.* Wayne, Wis., Oct. 31, 1868; *s.* Chas. W. and Margaret (Hay) G.; reared on farm; *m.* Jennie L. Jenkins, Dec. 25, 1894; *c.* Leland, Doris Ruth. B.S.A., Univ. Wis., 1911.

Graham, Milton Clarke, farm manag., Marianna, Ark.

Teach. high-sch.; co. agrl. agt., Ark.; agrst., K. C. S. Ry., Mo.; manag. Grove & Hewitt, planters and breeders. —*b.* Decatur, Miss., Apr. 22, 1889; *s.* H. G. and Lucy (Moore) G.; reared on farm; *m.* Hattie Temple Kisselburg, May 28,

1916; *c.* Elizabeth Estelle, M. C. Jr., Hattie Temple. B.S., Okla. A. & M. Coll., 1916. Sigma Zeta Chi.

Graham, Robert, prof. an. path., Univ. Ill., Urbana, Ill.

Prof. vet. sci., Univ. Ky., 1912-7; Ky. state vet., 1913-4; path., Ky. State Live-Stock Sanitary Bd., 1916-7; present position, 1917-. Capt. U. S. Army, 1918-9. (Forage poisoning in animals). —*b.* Ames, Ia., July 16, 1888; *s.* Thos. J. and Myra L. (Hoover) G.; reared in country; *m.* Lucy Keller Hutchcraft, Aug. 30, 1917. D.V.M., Ia. State Coll., 1910; M.S., Univ. Ky., 1912. Sigma Xi; Beta Theta Pi; Alpha Zeta.

Graham, Robert D., farmer and banker, Grand Rapids, Mich.

Mem. Mich. House of Rep., 1895-7; State Senate, 1899. Pres. Grand Rapids Trust Co.; dir. Fourth Nat. Bank; pres. Citizens Telephone Co. Mem. Mich. State Bd. Agr., 18 yrs.; chm., 12 yrs. Pres. Grand Rapids Fruit Growers Assoc.; sec. Grand River Valley Hort. Soc.; vice-pres. Mich. State Hort. Soc. —*b.* Union, Ont., Nov. 11, 1855 (naturalized 1857); reared on farm; *m.* Annie Gross, Sept. 1, 1881; *c.* Josephine. Admitted to Mich. Bar, 1879.

Graham, Samuel Alexander, asst. prof. ent., Univ. Minn., University Farm, St. Paul, Minn.

Asst. instr., Cornell Univ., 1914-6; Univ. Minn., 1916-8; instr., 1918-21; asst. prof., 1922-; agt. Bur. Ent., U. S. Dept. Agr., 1924-. —*b.* Salisbury, Md., Mar. 22, 1891; *s.* Levin Collier and Mary (Young) G.; reared in city; *m.* Sybil Isabell Fleming, June 18, 1921; *c.* Sybil Anabell. B.S., Univ. Minn., 1914; M.F., Cornell Univ., 1916; Ph.D., Univ. Minn., 1921. Alpha Zeta; Gamma Alpha.

Graham. William Alexander, comnr. agr., Raleigh, N. C.; Dec. 26, 1839—Dec. 24, 1923. See Rus 1920.

Gramlich, Howard John, prof. and chm. dept. an. husb., Univ. Neb., Lincoln, Neb.

(Experimental feeding of cattle and sheep). —*b.* Omaha, Neb., Jan. 26, 1889; *s.* J. N. and Josie M. (Gramlich) G.; reared on farm. B.S., Univ. Neb., 1911. Alpha Zeta; Gamma Sigma Delta.

Granovsky, Alexander Anastacievitch, asst. ent., Univ. Wis., Madison, Wis.

Asst. farm manag., Ukraine; with S. Russia Pub. Co., 4 yrs. In U. S. Army, 15 mos., served in France. Teach. agr., high-sch., Mancos, Colo., 1919-20; princ., 1920-1; teach. biol. and agr., high-sch., Rocky Ford, 1921-2; present position, 1922-. *Auth.*: Necklace of Tears, 1911; Petals of Hope, 1910; Accords, 1914 (all poems in Ukrainian). —*b.* Berezcy, Ukraine, Nov. 4, 1887 (naturalized 1918); *s.* Anastacy J. and Emily (Sichnievitch) G.; reared in country. B.S., Colo. Agr. Coll., 1918; M.S., Univ. Wis., 1923; student Sorbonne Univ., Paris. Sigma Xi; Alpha Zeta; Phi Sigma; Gamma Alpha.

Grant, Biver Ernest, co. agrl. agt., Windsor, N. C.

Teach. voc. agr., high-sch., 1920-1; co. agrl. agt., Miss., 1921-4; agrl. agt. Bertie Co., N. C., 1924-. Ensign U. S. Navy, 1917-9. —*b.* Sherman, Miss., May 20, 1895; *s.* Willis J. and Martha Francis (Dillard) G.; reared on farm; *m.* Annie Laurie Carter, June 26, 1922. B.S., Miss. A. & M. Coll., 1920.

Grant, Clinton J., exec. asst. Fed. Land Bank, 70 Ventura St., Springfield, Mass.

Asst. prof. agron., Ohio State Univ., 1910-2; co. agrl. agt., Hampden Co. Improvement League, Springfield, Mass., 1913-21. Mem. agrl. com., Mass. State Chamber of Commerce, 1 yr.; manag. Hampden Co. Farmers Exchange, 2 yrs.; sec.-treas. Inst. of Agr., Inc., Springfield. —*b.* Mt. Hope, Conn., Mar. 6, 1885; *s.* Andrew M. and Lenora (Dunham) G.; reared on farm; *m.* Charlotte C. Codding, Oct. 1, 1912. B.S.A., Cornell Univ., 1908.

Grant, Ernest C., teach. agr., high-sch., Sodus, N. Y.

b. Redfield, N. Y., July 1, 1899; *s.* Chas. D. and Ella (Clemens) G.; reared on farm. B.S., Syracuse Univ., 1923.

Grant, Robert Q., meteorologist, U. S. Weather Bur., Phoenix, Ariz.

News ed. Ft. Smith, Ark., Journal, 1891, manag. ed., 1892. Served in Apache Indian War, 1885-6. —*b.* Monongahela, Pa., Oct. 23, 1859; *s.* Noah and Eliza J. (Wickerham) G.; reared on farm; *m.* Villa M. Mills, June 9, 1904. Student Mt. Union Coll., O. Alpha Tau Omega.

Grantham, George Manners, res. assoc. in soils, Mich. Agr. Exp. Sta., E. Lansing, Mich.

b. Ladoga, Ind., Mar. 5, 1889; reared on farm; *m.* Jeanette Hazen, Dec. 22, 1914; *c.* Dawn, Geo. R., Ruth. B.S., Univ. Ill., 1914. Alpha Zeta.

Graser, Herman Ira, co. agrl. agt., Grass Valley, Calif.

b. Riverside, Calif., Feb. 22, 1892; *s.* Philip D. T. and Tomassa (Jensen) G.; reared on farm; *m.* Myrtle R. Burson, 1916; *c.* Doris Myrtle, Donald Burson. B.S., Univ. Calif., 1915. Lambda Chi Alpha; Alpha Zeta.

Graser, Oren Thomas, teach. agr., high-sch., Oakland, Md.

b. Newfoundland, Pa., July 26, 1901; *s.* Chas. W. and Emma (Gumble) G.; reared on farm. B.S., Penn. State Coll., 1923. Alpha Zeta; Kappa Delta Pi.

Grattan, John, farmer, Broomfield, Colo.

Mem. Agrl. Adv. Comn. (Rural sociol.). —*b.* Waukan, Ia., Dec. 17, 1869; *s.* Henry G. and Rose Anna (Bryant) G.; reared on farm; *m.* Vinnie Williams; *c.* 5 sons. Student S. D. State Coll. and Ia. State Coll.

Graul, Edward John, asst. prof. soils, Univ. Wis., Madison, Wis.

Soil surveyor, Univ. Wis., 1911-3; teach. soils, 1912-6; chem. in chg. State Soils Lab., 1916-20; present position, 1920-. —*b.* Independence, Wis., Mar. 23, 1883; *s.* Emil and Caroline (Schedler) G.; reared on farm; *m.* Cora Lillie Graul, Sept. 16, 1913; *c.* Merlin Edward, Dorothy Elizabeth. B.S., Univ. Wis., 1911; M.S., 1918.

Gravatt, Annie Evelyn Rathbun, jr. path., Lab. For. Path., U. S. Dept. Agr., Washington, D. C.

With Lab. For. Path., Providence, R. I., 1916-8; Washington, 1918-20; Spokane, Wash., 1920-1; Washington, 1921-. (Damping-off of conifers, white pine blister-rust). —*b.* W. Greenwich, R. I., May 15, 1894; *c.* John and Effie Evangeline (Kenyon) Rathbun; reared in town; *m.* Geo. Flippo Gravatt, May 10, 1924. B.A., Brown Univ., 1916; M.S., 1918. Phi Beta Kappa; Sigma Xi.

Gravatt, George Flippo, assoc. for. path., U. S. Dept. Agr., Washington, D. C.

Served in Naval Med. Corps, U. S. Navy, 1917-9. (Chestnut blight). —*b.* Roanoke, Va., Apr. 26, 1891; *s.* Geo. and Inez (Flippo) G.; reared in town and on farm; *m.* Annie E. Rathbun, May 10, 1924. B.S., Va. Poly. Inst., 1911; M.S., 1912.

Graves, Chester Eugene, co. agrl. agt., Kansas City, Kans.

Agrl. agt. Johnson Co., Kans., 1921-3; Wyandotte Co., 1923-. 1st Lieut. Field Art., Kans. Nat. Guard, 1923-4. (Plant path.). —*b.* Steele City, Neb., Jan. 9, 1898; *s.* A. A. and Emma (Persels) G.; reared on farm; *m.* Anita Kazmaier, Jan. 30, 1921; *c.* Harold K., Marilyn. B.S.A., Kans. State Agr. Coll., 1921. Gamma Sigma Delta.

Graves, George West, head. dept. agr. and biol., Fresno State Teach. and Jr. Coll., Fresno, Calif.

Farmer and teach. agr., high-sch., Calif., 1912-5; asst. superv. agr., Los Angeles city schs., 1915-9; present position, 1919-. In U. S. Army, 1918-9. Traveled in Europe. (Hort.). —*b.* Cedar Rapids, Ia., May 1, 1886; *s.* Walter R. and Alice M. (Stolp) G.; reared in city and on farm; *m.* Ella Hard Macklin, Dec. 16, 1913. Ph.B., Univ. Chicago, 1908; M.S., Wash. State Coll., 1912. Phi Gamma Delta; Alpha Zeta.

Graves, Ray Leighton, co. agrl. agt., Jetmore, Kans.

Agrst., Connor's State Sch. Agr., 1914-6; co. agrl. agt., Okla. and Kans., 1920-. —*b.* Lincoln, Kans., Feb. 6, 1887; *s.* Henry Theodore and Ellen A. (Leighton) G.; reared on farm; *m.* Elinore Mae McCulloch, Dec. 30, 1913; *c.* Hubert Ray. B.S., Kans. State Agr. Coll., 1912. Pi Kappa Alpha.

Graves, Roy Ralph, dairy cattle breeding, Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Dairyman, U. S. Dept. Agr., 1912-3; prof. dairy husb., Ore. Agr., Coll., 1913-7; present position, 1917-. —*b.* Cherokee, Kans., Oct. 8, 1886; *s.* John S. and Elizabeth (Cartright) G.; reared on farm and in city; *m.* Margaret Grace Smith, Aug. 8, 1909; *c.* Robt. Jackson, Margaret Elizabeth. B.S.A., Kans. State Agr. Coll., 1909; M.A., Univ. Mo., 1912.

Gray, Alexander Charles, prof. econ. and sociol., Eureka Coll., Eureka, Ill.

Pastor, Christian Church, Mt. Healthy, O., 1897-1905; pastor Church of Christ, Ann Arbor, Mich., 1905-8; instr. Ann Arbor Bible Chairs, 1906-8; prof. social sci. and New Testament, Eureka Coll., 1908-9; acting pres., 1909-12; prof. hist. and social sci., 1912-20; prof. econ. and sociol., 1920-; librarian, 1920-. Mem. Com. on Family Life, Fed. Council of Churches of Christ. Del. to Nat. Congress of Prison Reform, Indianapolis. (Rural sociol. and labor legislation). —*b.* Coldstream, Ont., May 8, 1867 (naturalized 1902); *s.* Angus and Christina (McKellar) G.; reared on farm; *m.* Rose H. Cameron, Sept. 30, 1897; *c.* Grace Cameron, Archibald. B.A., Univ. Toronto, 1896; M.A., Hiram Coll., 1897; M.A., Univ. Mich., 1908; B.D., Yale Univ., 1915.

Gray, Chester Harold, farmer, Nevada, Mo.

Farmer, Gentry Co., Mo., 4 yrs.; Vernon Co., 15 yrs. Pres. Mo. Farm Bur. Fed.; mem. exec. com., Amer. Farm Bur. Fed. Dir. Nat. Marketing Assoc., Kansas City, Mo. —*b.* Harrison Co., Mo., Dec. 15, 1879; *s.* Wm. L. and Miriam (Crews) G.; reared on farm; *m.* Iola Pearl Welch, Dec. 30, 1903; *c.* Miriam Mary, Chester Harold, Kathryn Gladys, Gertrude Welch, Wm. Ralph, Vernon Henry. Student Univ. Mo., 2 yrs.

Gray, Daniel Thomas, dean Coll. Agr., Univ. Ark., Fayetteville, Ark.

Asst. an. husb., Ala. Poly. Inst., 1905-8; prof., 1908-13; prof. an. husb., N. C. State Coll., 1913-21; dean Coll. Agr., Ala. Poly. Inst., 1921-3; present position, 1923-. Sec. Assoc. S. Agrl. Workers, 1914-20, pres., 1920-1. Live-stock ed., Southern Ruralist, Atlanta, Ga. —*b.* Harrison Co., Mo., Jan. 27, 1878; *s.* Wm. L. and Miriam Frances (Crews) G.; reared on farm; *m.* Lillian D. Hardin, Sept. 5, 1901; *c.* Emily Dale, Lillian Vera. A.B., B.S., Univ. Mo., 1904; M.S., Univ. Ill., 1905.

Gray, Flavillus Nathaniel, cotton crop specialist, U. S. Bur. Crop Estimates, Houston, Tex.; Nov. 22, 1855-Mar. 25, 1923. See Rus 1920.

Gray, George Putnam, chief div. chem., Dept. Agr., Sacramento, Calif.

Prof. chem., San Francisco Vet. Coll., 1910-3; chem., Insecticide Lab., Calif. Exp. Sta., 1911-20; instr. insecticides, Univ. Calif., 1913-6; asst. prof. ent., 1916-20; present position, 1920-. (Econ. poisons). —*b.* Fremont, Neb., Feb. 4, 1877. B.S., Pomona Coll., 1910; M.S., Univ. Calif., 1911. Sigma Xi.

Gray, James Miller, asst. dir. agrl. ext., N. C. State Coll., Raleigh, N. C.

Instr. agr., Brevard Inst., N. C., 1910-1; asst. dir. farmers insts., N. C. Dept. Agr., 1911-3; agrl. agt., Durham Co., 1913-5; Gaston Co., 1916-7; distr. agt., 1917-22; present position, 1922-. (Beef cattle and hogs). —*b.* Cullasaja, N. C., Oct. 13, 1886; *s.* Thos R. and Maria F. (Miller) G.; reared on farm; *m.* Mae Ethel Ingalls, Oct. 21, 1911; *c.* Frances Louise, Leila Esther, Thos. Ingalls. B.S., N. C. A. & M. Coll., 1910.

Gray, Lewis Cecil, agrl. econ. in chg. land econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Princ. Paynesville Acad., Mo., 1901-3; princ. Sch. Agr., Okla. A. & M. Coll., 1903-5; prof. hist. and econ., 1905-8; asst. econ., Univ. Wis., 1908-10; instr., 1910-3; prof. econ., Univ. Sask., 1913-5; prof. rural econ., Geo. Peabody Coll., 1915-9; present position, 1919-. State dir. price interpretation for Tenn., U. S. Food Adminis.; chm. Budget Com. for Tenn., U. S. War Savings. Del. to General Assembly Intern. Inst. of Agr., Rome, 1922. *Auth.*: An Introduction

to Agricultural Economics. —*b.* Liberty, Mo., Dec. 2, 1881; *s.* Lewis Pressley and Elizabeth (Chambliss) G.; reared in town; *m.* Pearl Buena Patterson, 1905; *c.* Marceline Elizabeth, Emily Belle, Lois. A.B., Wm. Jewell Coll., 1900; M.A., 1903; Ph.D., Univ. Wis., 1911. Phi Gamma Delta.

Gray, Samuel Dent, head dept. agron., State Inst. Applied Agr., Farmingdale, N. Y.

Rice expert, U. S. Dept. Agr., 1910-1; supt. agrl. high-schs., Md., 1911-4; prof. agron., Univ. P. R., 1915-6; asst. agrostologist, U. S. Dept. Agr., 1916-20; present position, 1921-. In Chem. Warfare Serv., World War. Traveled in W. Indies and Venezuela. —*b.* Nanjemoy, Md., Oct. 17, 1890; *s.* Geo. T. C. and Ann M. (Gray) G.; reared on farm. B.S., Univ. Md., 1910; M.S., 1914.

Gray, Susan Black, home dem. agt., Altus, Okla.

Teach. home econ., high-sch., Lehigh, Okla., 1917-8; Wynnewood, 1918-9. —*b.* El Reno, Okla., Aug. 8, 1895; *d.* Geo. H. and Helena (Pennebaker) Black; reared on farm; *m.* Wm. F. Gray, Jan. 1, 1920. Grad. E. Cent. State Normal, Ada, Okla.

Gray, Thomas, minister, Franklin, Ind.

Missionary on Isl. of Ponape, Micronesia, 1900-7; in Porto Rico, 1909-11; pastor rural church in Colo., 1911-2; Marion, Ind., 1913-7; pastor Community Congregational Church, Franklin, 1917-. —*b.* Alton, Ill., June 8, 1870; *s.* Jas. and Elizabeth Anne (Hardy) G.; reared in town and on farm; *m.* Leta Danley, Nov, 17, 1897; *c.* Leonard Danley. B.A., Washburn Coll., 1896; grad. Chicago Theol. Sem., 1900.

Gray, Thomas Davis, ext. lands. gard., W. Va. Univ., Morgantown, W. Va.

Instr. agr., McDonough Sch., La Plata, Md., 1915-7; co. agrl. agt., 1919-20; ext. hort. specialist, W. Va. Univ., 1920-5; ext. lands. gard., 1925-. In U. S. Air Serv., 1918. —*b.* Nov. 1, 1893; *s.* Geo. W. and Fannie D. G.; *m.* Margaret Ford, Dec. 23, 1924. B.S., Univ. Md., 1915; student Mass. Agr. Coll., 1925. Kappa Alpha.

Gray, Wayne T., teach. voc. agr., high-sch., Dix, Neb.

Princ. high-sch., Brock, Neb., 1922-3; present position, 1923-. —*b.* Fairfield, Neb., July 12, 1897; *s.* Geo. W. and Margaret A. (Twinem) G.; reared on farm. B.S., Univ. Neb. Alpha Zeta; Gamma Sigma Delta.

Gray, William F., co. agrl. agt., Woodward, Okla.; Mar. 28, 1886-Apr. 15, 1921. See Rus 1920.

Gray, William Melven, co. agrl. agt., Sanford, Me.

Teach. agr., Good Will high-sch., Hinckley, Me., 1912-3. (Pom.). —*b.* Debec, N. B., Jan. 29, 1886 (naturalized 1914); *s.* Samuel and Barbara Ellen (Wills) G.; reared on farm; *m.* Gertrude F. Smith, Oct. 13, 1913; *c.* 1 daughter. B.S., Univ. Me., 1912. Phi Kappa Sigma.

Graybeal, Henry Clay, prof. rural educ. and farm manag., Emory and Henry Coll., Emory, Va.

Supt. city schs., Rogersville, Tenn., 1913-5; supt. schs., Damascus, Va., 1915-8; teach. agr. and nature-study, State Teach. Coll., E. Radford, summer 1919-20; teach. voc. agr., Harrison, Tenn., 1920-1; asst. prof. agrl. educ., Univ. Tenn., 1921-4; present position, 1924-. Sec. agrl. educ. dept., E. Tenn. Educ. Assoc., 1922-. —*b.* Damascus, Va., Feb. 1, 1889; *s.* David M. and Lydia F. (Mock) G.; reared on farm; *m.* June E. McConnell, June 15, 1916; *c.* David McConnell, Henry Charlton. B.A., Emory and Henry Coll., 1913; M.S., Cornell Univ., 1923.

Greaves, Joseph E., prof. bact. and physiol. chem., Utah Agr. Coll., Logan, Utah.

Asst. chem., Utah Exp. Sta., 1904-7; asst. prof. chem., 1907-10; assoc. prof. physiol. chem., Utah Agr. Coll., 1911-2; prof. bact. and physiol. chem., 1912-; chem. and bact., Exp. Sta., 1914-. —*b.* Logan City, Utah, Nov. 2, 1880; *s.* Joseph C. and Catherine M. (Eames) G.; reared on farm; *m.* Pernecy Dudley, June 10, 1907 (d. 1918); 2d, Ethelyn Oliver, May 5, 1920; *c.* Joseph, Flor-

ence, Pernecy, Vera, Mary, Marguerite. B.S., Utah Agr. Coll., 1904; M.S., Univ. Ill., 1908; Ph.D., Univ. Calif., 1911.

Green, G. Leland, princ. State Sch. Agr., Randolph Center, Vt.

Princ. Hilgate high-sch., 1907-8; Franklin, 1908-9; Richford, 1909-11; present position, 1911-. Master Hillcrest Grange, 1920; acting pres. State Teachers Assoc., 1919. Served in France with Y. M. C. A. —*b.* Franklin, Vt., Apr. 22, 1883; *s.* Lucius D. and Cora Belle (Chamberlin) G.; reared on farm; *m.* Flora Gertrude Humphrey, July 10, 1907; *c.* Gardner H., Gordon L. B.S., Univ. Vt., 1906. Phi Beta Kappa; Kappa Sigma.

Green, Henry Des'Champs, head dept. agr., high-sch., Stanfield, N. C.

Poultry producer and invest., 1916-8; distr. field rep. N. C. Cotton Growers Coop. Assoc., 1922-3; present position, 1924-. Justice of Peace, 1924-5; sec. Stanly Co. Coop. Cotton Assoc.; pres. Stanfield Chamber of Commerce, 1924-5. 2d Lieut. U. S. Reserves. —*b.* Lee Co., S. C., June 6, 1899; *s.* W. McD. and Hennie D. (Des Champs) G.; reared on farm and in city; *m.* Annie Laura Elliott, Oct. 19, 1922; *c.* Laura Lee. B.S., N. C. State Coll., 1922. Kappa Iota Epsilon.

Green, John B., lawyer and editor, 121 N. Fitzhugh St., Rochester, N. Y.

Pres. Commercial Law League of Amer., 1897; mem. Bd. Educ., Westfield, N. J., 9 yrs. *Auth.*: Law for the American Farmer, 1911, enlarged ed., 1923. Mem. editorial staff, Lawyers' Coop. Pub. Co. —*b.* New York City, May 17, 1850; *s.* Matthew Richard Arkwright and Sarah (Corps) G.; reared in city; *m.* Mary Annie Sinckler, Apr. 3, 1878; *c.* Hilda Whitfield, Henry Merritt, Ethel Sinckler. Admitted to Bar, 1871.

Green, Lulu Samuel, distr. home dem. agt., Okla. A. & M. Coll., Stillwater, Okla.

Teach. dom. sci. and art, Tuskahoma Female Acad., Okla., 1914-7; formerly home dem. agt., Muskogee. —*b.* Cedar City, Mo., Apr. 23, 1874; *d.* Chas. W. and Anna Elizabeth (Ferguson) Samuel; reared in town; *m.* E. A. Green, Mar. 10, 1897; *c.* Chas. Burdett. Student Chicago Sch. Home Econ., Okla. A. & M. Coll.

Green, Roy Monroe, prof. agrl. econ., Kans. State Agr. Coll., Manhattan, Kans.

Instr. farm manag., Univ. Mo., 1915-16; assoc. prof., 1916-20; present position, 1920-. —*b.* Carrollton, Mo., Mar. 12, 1889; *s.* Calvin and Sophia (Tripp) G.; reared on farm; *m.* Mary E. Miller, May 4, 1915; *c.* 1 son, 2 daughters. B.S.A., Univ. Mo., 1914; M.S., Kans. State Agr. Coll., 1923.

Green, William James, consulting hort., Ohio Exp. Sta., Wooster, O.

In nursery business, 1873-82. —*b.* Grangerburg, O., June 18, 1849; *s.* Job Loder and Harriett (Ganyard) G.; reared on farm; *m.* Martha A. Spurgeon, 1884; *c.* Paul, Mary H., Robt. L. B.S., Nat. Normal Sch., 1872.

Green, William John, farmer and seedgrower, Wakita, Okla.

Asst. in movable schs., Okla. A. & M. Coll., 1916-7; asst. state boys club agt., 1917-9; supt. ext., Guam Exp. Sta., Guam, 1919-21; ext. agron., Okla. A. & M. Coll., 1921-2; half-time teach. voc. agr., high-sch., Wakita, 1922-. Sec. Okla. Seed Growers Assoc., 1921-2; vice-pres. Okla. Soc. Voc. Educ., 1923-4; dir. Okla. Crop Improvement Assoc., 1923-. Traveled in Hawaii, Japan, Siberia, Philippines. *Contr. ed.*, Okla. Farmer-Stockman, 1923-. —*b.* Ellsworth, Kans., Aug. 19, 1892; *s.* Herbert J. and Annie (Nikodim) G.; *m.* Gladys Lillian Burr, Aug. 20, 1917; *c.* Wm. J. Jr., Dorothy Gladys, Mildred Altha. B.S., Okla. A. & M. Coll., 1916. Kappa Sigma; Alpha Zeta; Pi Kappa Delta.

Green, William Samuel Jr., instr. voc. agr., high-sch., Portales, N. Mex.

b. Central City, Colo., Mar. 25, 1901; *s.* W. S. and Josephine (Anderson) G.; reared in town and on farm. B.S.A., Purdue Univ., 1924. Phi Sigma.

Greenbank, George Richard, asst. chem., U. S. Dept. Agr., Washington, D. C.

Formerly head tech. lab., Goodyear Tire and Rubber Co. Chief gas defence res. sect., Chem. Warfare Serv. —*b.* Woodsfield, O., Aug. 27, 1892; *s.* Oliver M. and Elizabeth A. (Mann) G.; reared in town; *m.* Zoda Jane Kelly, Nov. 24, 1918; *c.* Richard Kelly. B.A., Ohio State Univ., 1917.

Greene, Charles N., chief apiary adv., Dept. Agr., Harrisburg, Pa.

b. Troy, Pa., Dec. 25, 1864; *s.* Francis and Martha J. (Fish) G.; reared in town; *m.* Minna Pearsall Silliman, Dec. 26, 1888; *c.* Benj. Silliman, Chas. Herbert.

Greene, George Ogden, stockman and ranchman, Paradise, Kans.

Asst. hort., Kans. State Agr. Coll., 1901-3; asst. hort., Mass. Agr. Coll., 1903-5; ext. hort., Kans. State Agr. Coll., 1912-8. —*b.* Lincoln, Kans., Apr. 9, 1876; *s.* Ogden N. and Mary A. (George) G.; reared on farm; *m.* Alice M. Worley, Sept. 7, 1904; *c.* Ogden. B.S., Kans. State Agr. Coll., 1900; M.S., 1902.

Greene, Laurenz, chief in hort., Purdue Univ., LaFayette, Ind.

Asst. hort., Ft. Hays Branch Exp. Sta., Kans., 1906; asst. hort., N. Mex. A. & M. Coll., 1906-7; asst. hort., Ia. State Coll., 1907-9; chief pom., Ia. Exp. Sta., 1909-17; present position, 1917-. —*b.* Lincoln, Kans., May 13, 1883; *s.* Ogden N. and Mary A. (George) G.; reared on farm; *m.* Gertrude Mereness, Dec., 1911. B.S., Kans. State Agr. Coll., 1906; M.S.A., Ia. State Coll., 1909.

Greene, Lawrence Dewey, agrl. agt., N. Y. Ont. & W. R. R., Middletown, N. Y.

Asst. agrst., Lehigh Valley R. R., 1913-4; fruit-grower, 1914-5; nurseryman, 1915-7; asst. farm bur. manag., 1917-8; agrl. agt. Orange Co., 1918-24; present position, 1924-. Dir. Orange Co. Agrl. Soc. —*b.* S. Byron, N. Y., Aug. 10, 1890; *s.* Wm. Seward and Clara Holmes (Cook) G.; reared on farm; *m.* Myrta Judith Gibbs, Sept. 28, 1918; *c.* Judith Gibbs, Wm. Brainard, Elisabeth. Student Cornell Univ., 1913. Alpha Gamma Rho.

Greene, Mark Hindley, assoc. prof. econ., Univ. Utah, Salt Lake City, Utah.

Prof. farm manag., Utah Agr. Coll., 1916-7; agt. in marketing, 1917-8; intermountain rep., U. S. Grain Corporation, 1918-20. Traveled in Europe, 1909-10. —*b.* American Fork, Utah, Dec. 11, 1888; *s.* Alva A. and Minnie (Hindley) G.; reared on farm; *m.* Alice A. Dunford, Aug. 6, 1914; *c.* Alva D., Lavinia, Deforest, Mark, Gloria. B.S., Utah Agr. Coll., 1913; M.S., Univ. Wis., 1915. Pi Zeta Pi.

Greene, Smith Winford, an. husb. in chg. Coastal Plain Exp. Sta., U. S. Dept. Agr., McNeill, Miss.

Lands. gard. and tree surg., 1914-6; in chg. beef cattle expl. work, Collins, Miss., 1917-8; present position, 1918-. (Beef cattle). —*b.* Bloomington, Ind., Jan. 9, 1890; *s.* Chas. F. and Jennie (Smith) G.; reared on farm. B.S.A., Purdue Univ., 1915; M.S.A., 1919.

Greene, Stanley Smith, assoc. prof. agrl. educ., Miss. A. & M. Coll., Agricultural College, Miss.

Teach. agr., high-sch., Savannah, N. Y., 1915-7; N. Y. State Sch. Agr., Cobleskill, 1917-20; present position, 1920-. —*b.* Fish's Eddy, N. Y., Oct. 25, 1887; *s.* Josephine G.; reared on farm; *m.* Grace L. Quackenbush, June 23, 1915; *c.* Evan Keith. B.S., Cornell Univ., 1915. Phi Delta Kappa.

Greer, Sedley Joseph, co. agrl. agt., Natchez, Miss.

Agrst., high-sch., Jones Co., Miss., 1914-6; agrl. agt. Pearl River Co., 1917; state superv. agrl. educ., 1918-9; superv. agrl. educ., E. and R. branch, U. S. Army. 1919-21; hort. and vice-pres. State Agrl. Sch., Magnolia, Ark., 1921-2; agrl. agt. Adams Co., 1923-. —*b.* Baguechitto, Miss., May 7, 1889; *s.* T. E. and Hannah (Reeves) G.; reared on farm. B.S.A., Miss. A. & M. Coll., 1914.

Gregg, John William, lands. arch. and prof. lands. gard. and flor., Univ. Calif., Berkeley, Calif.

Practising lands. arch., before 1907; prof. hort., Baron de Hirsch Sch.,

Woodbine, N. J., 1907-9; asst. prof. hort., Penn. State Coll., 1909-12; present position, 1912-. Pres. Park Comn. City of Berkeley. Mem. Amer. Soc. Lands. Arch. —*b.* Weare Center, N. H., Jan. 8, 1880; *s.* Frank and Ruth (Sleeper) G.; reared on farm and in town; *m.* Mary Jennings, Jan. 27, 1906; *c.* John Jennings, Ruth Greenwood, Donald Franklin. B.S., Mass. Agr. Coll., 1904; B.S., Boston Univ. Alpha Sigma Phi.

Gregg, Orestes Isaiah, co. agrl. agt., Allegan, Mich.

Teach. hort., Mich. Agr. Coll., 1907-11; Klamath Co. high-sch., 1915-6; agrl. agt., Wayne Co., 1917-22; Allegan Co., 1922-. —*b.* Bristol, N. Y., June 26, 1882; *s.* Geo. and Louisa (Case) G.; reared on farm; *m.* Irma Muzzall, Aug. 12, 1907; *c.* Glenn, Emory, Ruth, Geo. Thos. B.S., Mich. Agr. Coll., 1907.

Gregory, Charles Truman, ext. plant path., Purdue Univ., LaFayette, Ind.

Asst. plant path., Cornell Univ., 1911-2; instr., 1912-4; asst. prof., 1914-8. —*b.* Ithaca, N. Y., Aug. 31, 1887; *s.* E. W. and Jennie (Taber) G.; reared in city; *m.* Frances A. Feeney, 1907; *c.* Dorothea, Edgar Paul. B.S.A., Cornell Univ., 1910; Ph.D., 1914. Sigma Xi.

Gregory, Clifford Verne, ed. Prairie Farmer, 337 W. Madison St., Chicago, Ill.

Dir. Ill., farmers inst. Farm owner. *Auth.*: Prairie Farmers Hog Book, 1915; Songs of the Lazy Farmer, 1916. —*b.* Mason City, Ia., Oct. 20, 1883; *s.* Elmer O. and Millie (McFarlin) G.; reared on farm; *m.* Edna Springer; *c.* Gwendolyn, Merrill, Howard, Barbara. B.S.A., Ia. State Coll., 1910.

Gregory, Howard Wilbur, prof. dairy husb. and head dept., Purdue Univ., LaFayette, Ind.

Asst. dairy husb., S. D. State Coll., 1912-6; present position, 1916-. —*b.* Sedan, Kans., Aug. 11, 1889; *s.* Elliot and Louise (Wiley) G.; reared on farm; *m.* May Kilpatrick, Dec. 24, 1914; *c.* Edith, Winifred. B.S., Okla. A. & M. Coll., 1912; M.S., Purdue Univ., 1918. Phi Kappa Phi.

Greig, Alexander Rodger, prof. agrl. engin., Univ. Sask., Saskatoon, Sask.

Lect. agrl. engin., Man. Agr. Coll., 1906-7; prof., 1907-9; present position, 1909-. Mem. Bd. of Highway Comnrs. of Sask. —*b.* Montreal, Que., Dec. 18, 1872; *s.* Wm. and Elizabeth (Rodger) G.; reared in city; *m.* Jessie Shaw, Sept. 1, 1897; *c.* M. Jean. B.A. Sc., McGill Univ., 1895.

Grenier, Joseph Antonio, deputy minister of agr., Parliament Bldgs., Quebec, Que.

Dir. Dairymens Assoc. of Que.; mem. Council of Agr.; vice-pres. Que. Exhibition; del. to Conf. on Agrl. Coop. in Empire, London, England. —*b.* Plessisville, Que., Oct. 1, 1886; *s.* Honore and B. (Vallee) G.; reared in village; *m.* Mary-Ann Kelly, May 15, 1913; *c.* Madeleine, Robt., Therese, Jean-Paul. B.A., Laval Univ., 1908; LL.L., 1911.

Gribben, Ray Larimer, farmer and sec. Ia. Farm Bur. Fed., 410 Observatory Bldg., Des Moines, Ia.

Instr. an. husb., Ia. State Coll., 1906-7; Mass. Agr. Coll., 1907-11; fieldman Iowa Homestead, 1911-5; ext. dept., Ia. State Coll., 1913-4; live-stock farmer, Minburn, Ia., 1915-; mem. exec. com. Ia. Farm Bur. Fed., 1923-4. —*b.* Minburn, Ia., May 3, 1885; *s.* M. W. and Emma (Larimer) G.; reared on farm; *m.* Ada Seidler, 1916. B.S.A., Ia. State Coll., 1906.

Griesinger, Philip, instr. voc. agr., high-sch., Basin, Wyo.

Wheat farmer, Wilson Creek, Wash., 3 yrs. (Marketing poultry and eggs). —*b.* Gaylord, Kans., Oct. 27, 1897; *s.* August and Mary D. (Zickler) G.; reared on farm. B.S., Wash. State Coll., 1919.

Griffin, Frederick Llewellyn, assoc. prof. agrl. educ., Univ Calif., Berkeley, Calif.

Res. asst., Ore. Agr. Coll., 1908-11; instr. agr., Boise high-sch., 1911-2; instr. agrl. educ., Univ. Calif., 1912-3; asst. prof., 1913; prof. agrl. educ., Ore. Agr. Coll., 1913-6; prof. rural educ., Cornell Univ., 1916-8; present position, 1918-. —*b.* Pueblo, Colo., July 29, 1884; *s.* Llewellyn and Martha E. (Martin)

G.; reared in city and country; *m.* Annie Laurie Hill, June 21, 1909; *c.* Dorothy Laura, Katharine Martha, Winifred Alice. B.S.A., Ore. Agr. Coll., 1908; M.S.A., 1911. Gamma Sigma Delta; Phi Delta Kappa.

Griffin, Jerushia Parks, home dem. agt., Lake Providence, La.

Teach. Allen Green Denominational Sch., 1907-8; Jeans superv. rural schs., Carroll Parish, La., 1909-22; home dem. agt. E. Carroll Parish, 1922-. —*b.* Ouachita, La., May 5, 1884; *d.* Jule Parks and Mary (Washington) Parks (col.); reared on farm; *m.* Geo. W. Griffin, Sept. 5, 1909; *c.* Hilda, Vivian, Camille, Geo., Anderson, Stanton. Grad. Tuskegee Inst., 1907.

Griffin, Oscar Pennington, co. agrl. agt., Brownwood, Tex.

Princ. sch., Mereta, Tex., 1909-14; princ. high-sch., Miles, Tex., 1915-7. —*b.* Cass Co., Tex., Jan. 8, 1879; *s.* J. M. and Mattie (Echols) G.; reared on farm; *m.* Nettie Nuckolls, Apr. 3, 1901; *c.* Hawley, Gladys, Lucile, John, Gertie, Maria.

Griffing, John B., in chg. rural educ., ext., and cotton improvement, Univ. Nanking, Nanking, China.

Princ. high-sch., Blackfoot, Ida., 1909-11; teach. sci. and agr., high-sch., Medford, Ore., 1911-2; head dept. agr., Ariz. State Normal, Tempe, Ariz., 1913-8; pres. and manag. Griffing Cotton Co., Tempe, Ariz., 1918-20. —*b.* Topeka, Kans., Dec. 4, 1885; *s.* John S. and Mary L. (Pechner) G.; reared on farm; *m.* May Kelly, May 29, 1910; *c.* Mary Louise, John Malcoln, Joe Bruce. B.S.A., Kans. State Agr. Coll., 1904; A.B., Drake Univ., 1909; A.M., Columbia Univ., 1913.

Griffith, Jean Paul, plant-breeder, Insular Exp. Sta., Rio Piedras, P. R.

Instr. veg.-gard., Cornell Univ., 1918; asst. hort., N. C. Agr. Exp. Sta., 1917-8; asst. hort., P. R. Exp. Sta., 1919-20; hort., Insular Exp. Sta., 1921-2; plant-breeder, 1922-4. Served in Q. M. C., World War. (Trop. hort., avocados and breeding trop. Rubi). —*b.* E. Aurora, N. Y. Dec. 7, 1894; *s.* Robt. Morris and Josephine (Lawrence) G.; reared in town and on farm. B.S., Cornell Univ., 1917; M.S., Univ. Ill., 1921.

Griffith, Leland S., co. agrl. agt., Amboy, Ill.

b. Magnolia, Ill., July 8, 1887; *s.* W. G. and Fannie G. (Smith) G.; reared on farm; *m.* M. Jane Caldwell; *c.* John Stanford, Walter Geo., Annabel. B.S., Univ. Ill., 1909. Alpha Zeta.

Griffiths, David, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. bot., high-sch., Aberdeen, S. D., 1893-8; prof. bot., Univ. Ariz., 1900-1; asst. agrostologist, U. S. Dept. Agr., 1901-7; agrst., 1907-19; hort., 1919-. (Flowering bulbs, econ. cacti). —*b.* Aberystwith, Wales, Aug. 16, 1867 (naturalized); *s.* David and Rachel (Lewis) G.; reared on farm; *m.* Emigene Lily, 1907; 2d, Louise Hayward, 1915; *c.* Elizabeth Lily, John David. B.S., S. D. State Coll., 1892; M.S., 1893; Ph.D., Columbia Univ., 1900.

Grigsby, Ernest Charles, co. agrl. agt., Pulaski, Va.

Served in U. S. Army, 1918. —*b.* Nickelsville, Va., July 20, 1897; *s.* W. H. and Almeda (Dorter) G.; reared on farm. B.S.A., Va. Poly. Inst.

Grim, James Stewart, prof. sci. and agr., Keystone State Normal Sch., Kutztown, Pa.

Del. to State Democratic Conv., 1910. Traveled in Europe. *Auth.*: Elementary Agriculture, 1916. —*b.* Revere, Pa., Oct. 21, 1873; *s.* Geo. N. and Elizabeth P. (Koons) G.; reared on farm; *m.* Nettie May Kuhn, Aug. 7, 1901; *c.* J. Stewart, Allan K., J. Marshall, Margaret E., Mark D. A.B., A.M., Lafayette Coll.; Ph.D., Univ. Kans.

Grimes, Jay Cook, prof. an. husb. and head an. ind. div., Ala. Poly. Inst., Auburn, Ala.

Formerly co. agrl. agt., Madisonville, Tenn. —*b.* Clifton, Tenn., Feb. 20, 1890; *s.* W. H. and Nannie (Cook) G.; reared on farm; *m.* Charlotte Ella Busey, Aug. 1924. B.S.A., Univ. Tenn., 1916; M.S., Univ. Ky., 1919.

Grimes, Mansell Farquhar, prof. an. husb., Penn. State Coll., State College, Pa.

b. W. Brownsville, Pa., Dec. 14, 1891; *s.* Wm. S. and Elizabeth (Dorsey) G.; reared on farm; *m.* Ada B. Renshaw, Nov. 8, 1917. B.S., Penn. State Coll., 1914; M.S., 1920. Kappa Sigma.

Grimes, Waldo Ernest, prof. agrl. econ., Kans. State Agr. Coll., Manhattan, Kans.

Supt. agron., Expl. Farm, Kans. Exp. Sta., 1913-4; asst. prof. farm manag., 1915-8; assoc. prof. agrl. econ. 1918-21; prof. agrl. econ. in chg. dept., 1921-. (Farm organization, cost of production). —*b.* Lee's Summit, Mo., Oct. 5, 1891; *s.* Arch T. and Anna (Hess) G.; reared on farm; *m.* Ethel Roseberry, Sept. 15, 1914; *c.* Sarah Anna, Rosethel. B.S., Kans. State Agr. Coll., 1913; grad. student, Cornell Univ.; Ph.D., Univ. Wis., 1923. Phi Kappa Phi; Alpha Zeta; Pi Kappa Delta; Gamma Sigma Delta.

Grindley, Frederick Hugh, agrst., Box 625, Ottawa, Ont.

Asst. fruit comnr. for Canada, 1912-20; general sec. Canadian Soc. of Tech. Agrsts., 1920-; manag. ed. Scientific Agriculture, 1921-. Fellow A. A. A. S. Traveled in England. —*b.* Massawippi, Que., Apr. 28, 1889; *s.* Arthur Wolferstan and Clara Etta (Colby) G.; reared on farm; *m.* Delta Jamieson, Aug. 28, 1920. B.S.A., McGill Univ., 1911.

Grindley, Harry Sands, prof. an. nutr., Univ. Ill., Urbana, Ill.

Asst. chem., Ill. Exp. Sta., 1889; Univ. Ill., 1889-92; Harvard Univ., 1892-3; instr. chem., Univ. Ill., 1894-5; asst. prof., 1895-9; assoc. prof., 1899-1904; prof. general chem. and dir. chem. lab., 1904-7; prof. an. nutr. and chief in an. nutr., 1907-. Dir. invests. of saltpeter in meat, 1907-10. —*b.* Champaign, Ill., Apr. 13, 1864; *s.* Joseph S. and Sarah E. (Sands) G.; *m.* Anna Eaton, July 2, 1896. B.S., Univ. Ill., 1888; Sc.D., Harvard Univ., 1894. Sigma Xi; Phi Lambda Upsilon.

Grinnell, Milon, manag. ed. Michigan Business Farmer, Mt. Clemens, Mich.

b. Clare, Mich., Nov. 27, 1896; reared on farm. Grad. Mich. State Normal.

Grisdale, Frank Sydney, princ., agron. and farm manag., Sch. Agr., Olds, Alta.

(Soils and crops). —*b.* St. Martha, Que., July 8, 1887; *s.* Albert and Elizabeth (Simpson) G.; reared on farm; *m.* Amy Leone Kelin, July 17, 1914; *c.* Lucretia Elizabeth, Lloyd Carl, John Hiram. B.S.A., Macdonald Coll. and McGill Univ., 1911.

Grisdale, Joseph Hiram, Deputy Minister, Federal Dept. Agr., Ottawa, Ont.

Formerly dir. Dominion Expl. Farms, Ottawa. Traveled in Europe. *Auth.:* Milk Production in Canada; Grain Growing on the Prairies; Bacon Pigs in Canada. (Farm manag.). —*b.* Ste. Marthe, Que., Feb. 18, 1870; *s.* Albert B. and Elizabeth (Simpson) G.; reared on farm; *m.* Laura Vipond, June 20, 1900 (d. 1920); 2d, Gladys Vipond, Sept. 20, 1924; *c.* John Hume, Albert Joseph, Helen Laura, Simpson Vipond, Caroline. B.Agr., Ia. State Coll., 1898; D.S.A., Laval Univ., 1918.

Griswold, Daniel James Jr., an. husb., N. D. Agr. Exp. Sta., Fargo, N. D.

Asst., Mo. Agr. Exp. Sta., 1915-6; instr., 1916-8; farmer, 1917-8; an. husb., Miss. Agr. Exp. Sta., 1919-21; present position, 1921-. (Horses, sheep). —*b.* Mt. Vernon, Mo., Apr. 19, 1881; *s.* Daniel G. and Mary Adeline (McReynolds) G.; reared on farm; *m.* Bessie Duncan, 1916; *c.* Daniel Jas., Robt. Duncan, Richard Allan. B.S.A., Univ. Mo., 1914; A.M., 1915. Alpha Zeta.

Griswold, Don T., co. agrl. agt., Clarinda, Ia.

Instr. an. husb., Tex. A. & M. Coll., 1909-11; prof. an. husb., Univ. Porto Rico, 1912-3; farmer, 1913-6; ext. assoc. an. husb., Tex. A. & M. Coll., 1916-8; farmer, 1918-20; agrl. agt., Denton Co., 1920-2; Page Co., Ia., 1922-. —*b.* Montrose, Ia., Mar. 1, 1883; *s.* Jas. and Magnolia (Sykes) G.; reared on farm; *m.* Margaret Nortle, June 9, 1915; *c.* Margaret, Don T. B.S.A., Ia. State Coll., 1909. Alpha Zeta.

Groff, George Weidman, dean and general dir. Ling Nan Agr. Coll., Canton Christian Coll., Canton, China.

Instr., Canton Christian Coll., 1907-10; dir. agr. and prof. hort., 1912-20; present position, 1920-; collaborator, U. S. Dept. Agr., 1915-7, 1920-; field asst., 1917-20. (Chinese bot. and hort., especially sapindaceous fruits). —*b.* Annville, Pa., Mar. 29, 1884; *s.* Abram Lefever and Lizzie (Weidman) G.; reared on farm; *m.* Eva. A. Brinser, Dec. 6, 1911. B.S., Penn. State Coll., 1907; M.S., 1912. Alpha Zeta; Delta Upsilon.

Groom, Walter Alvin, agrl. supt., The Amalgamated Sugar Co., Logan, Utah.

Formerly co. agrl. agt., Hot Sulphur Springs, Colo. —*b.* Monte Vista, Colo., Oct. 7, 1891; *s.* W. A. and Alice (John) G.; reared on farm; *m.* Hertha J. Folk, Aug. 18, 1916. B.S., Colo. Agr. Coll., 1915.

Grose, Laurence Rich, prof. for., Mass. Agr. Coll., Amherst, Mass.

Instr., Brown Univ., 1909-14; instr., Harvard Univ., 1916-7; prof., Bates Coll., 1918-20; present position, 1920-. (Woodlot for.). —*b.* Ballston Spa, N. Y., Aug. 8, 1883; *s.* Howard B. and Caroline (Bristol) G.; *m.* Eleanor Fisher, Sept. 2, 1916; *c.* Eleanor, Laurence Bristol, David Thayer. A.B., Brown Univ., 1907; A. M., Columbia Univ., 1909; M.F., Harvard Univ., 1916. Delta Phi.

Groseclose, Henry C., asst. prof. agrl. educ., Va. Poly. Inst., Blacksburg, Va.

Princ. high-sch., Belle Haven, Va., 1912-5; Curdsville, 1916-9; instr. voc. agr., Buckingham Co. Agrl. High-Sch., 1919-22; princ., 1922-3; instr. voc. agr., high-sch., Blacksburg, 1923-4; present position, 1924-. —*b.* Ceres, Va., May 17, 1892; *s.* Henry C. and Letitia (Peery) G.; reared on farm; *m.* Dorothy Dell Saxton, Sept. 8, 1917; *c.* Henry C. Jr. Student Washington and Lee Univ., 1909-12; B.S., Va. Poly. Inst., 1923.

Gross, Edward Robert, prof. rural engin., Rutgers Univ., New Brunswick, N. J.

Country sch. teach., 1902-3; grain farmer, Neb., 1903-6; princ. high-sch., Exeter, Neb., 1908-9; princ. public schs., Long Pine, Neb., 1909-11; instr. woodwork, Univ. Neb., 1911-3; chg. farm mech., Neb. Sch. Agr., Curtis, 1913-4; assoc. prof. chg. farm mech., Colo. Agr. Coll., 1914-8; ext. specialist agrl. engin., Miss. A. & M. Coll., 1918-9; prof., 1919-22; present position, 1922-. Chm. tractor com., Colo. Adv. Council of Defense, 1917. —*b.* Julian, Neb., Aug. 26, 1883; *s.* Chas. and Amelia (Wagner) G.; reared on farm; *m.* Mrs. Frankie Glasscock Schneider, Apr. 3, 1915. B.Ed., Peru State Normal, Neb., 1913; B.S. Agr., Univ. Neb., 1913.

Grout, George P., prof. and head dept. dairy husb., Tex. A. & M. Coll., College Station, Tex.

Western rep. Hunter Walton and Co., 1901-6; asst. prof. dairy husb., Univ. Minn., 1908-12; manag. Jean Duluth stock farm, 1912-22; present position, 1922-. Pres. Minn. State Dairymans Assoc.; pres. Minn. Guernsey Breeders Assoc.; pres. Minn. Red Polled Breeders Assoc.; dir Nat. Red Polled Breeders Assoc.; supt. dairy products exhibit, Tex. State Fair. *Ed.* Farmer and Stockman. —*b.* Luverne, Minn., Sept. 15, 1875; *s.* Thaddeus P. and Jane (Ingalls) G.; reared on farm; *m.* Agnes G. Tisdale, July 17, 1901; *c.* Thaddeus Tisdale, Geraldine Ingalls. B.S.A., N. D. Agr. Coll., 1908; M.S., Univ. Minn., 1909; M.S.A., N. D. Agr. Coll., 1922; studied in Europe, 1925.

Grover, Elijah Lynn, assoc. prof. educ., Mich. State Coll., E. Lansing, Mich.

Rural sch. teach., 1900-3; sci. and agr. teach. public schs., 1909-13; insp. voc. agrl. educ., Mich. Agr. Coll., 1913-7; critic teach. and instr. agrl. educ., 1917-24; assoc. prof., 1918-; acting dir. voc. educ., 1923-4. —*b.* Olathe, Kans., Nov. 8, 1871; *s.* Eugene and Ellen R. (Gleason) G., reared on farm; *m.* Grace Haas, Oct. 31, 1897; *c.* Lucile, Mary Ellen. B.S., Mich. Agr. Coll., 1907. Phi Sigma.

Groves, Ernest Rutherford, prof. sociol., Boston Univ., Boston, Mass.

Prof. psychology and philosophy, N. H. A. & M. Coll., 1903-7; instr. English, Dartmouth Coll., 1907-8; prof. sociol., N. H. A. & M. Coll., 1908-20;

dean of Arts and Sci., 1916-20; present position, 1920-. Dir. Collegiate Sect., S. A. T. C., N. H. Coll. *Auth.*: Moral Sanitation, 1916; Using the Resources of the Rural Church, 1917; Rural Problems of Today, 1918; What Kind of a Fight are We In?; Rural Mind and Social Welfare, 1922; Personality and Social Adjustment, 1923; Wholesome Childhood (with Gladys Groves), 1924. *Ed.*, dept. rural and community sociol., Rural Manhood. (Rural sociol.). —*b.* Saxonville, Mass., May 6, 1878; *s.* Henry H. and Hannah (Seward) G.; reared in town; *m.* Dorothy Doe, 1907 (d. 1916); 2d, Gladys Hoagland, 1919; *c.* Catherine, Ernestine Dorothy, Ruth Elva. B.D., Yale Sch. of Religion, 1901; A.B., Dartmouth Coll., 1903.

Grubb, Eugene Housel, farmer, Princeton, Calif.

Manufacturing blacksmith, maker of plows and wagons, Chicago, 1870-7; farmer and breeder pedigreed livestock, Carbondale, Colo., 1878-1924; Calif., 1924-. Mem. Colo. State Bd. Agr., 16 yrs.; sent by U. S. Dept. Agr. to Europe, 1910; del. Intern. Farm Congress, Rome, 1911. Winner grand sweepstakes for carload cattle, St. Louis Expos., 1904. *Auth.*: Irrigator's Hand Book, 1910; (with W. S. Guilford) The Potato, 1912. (Potatoes, live-stock). —*b.* Crawford Co., Pa., Jan. 4, 1850; *s.* Edmund and Sarah Jane (Housel) G.; reared on farm; *m.* Isadore E. White, Aug. 28, 1874; *c.* Max, Florence, Edmund, Paulina.

Grunwald, Kurt, consulting agrl. engin., 926 Equitable Bldg., Denver, Colo., and Medford, N. Y.

With Amer. Beet Sugar Co., Colo., 1903-5; foreman construction, Amer. Falls Canal and Power Co., Blackfoot, Ida., 1905-6; field supt. Holly Sugar Co., Colo., 1906-7; consulting agrst., 1908-. Vice-pres. Intern. Irrig. Congress, 1912-6; vice-pres. Intern. Farm Congress, 1918, mem. bd. gov., 1920. —*b.* Szczutowo, Russian Poland, Aug. 18, 1881 (naturalized 1908); *s.* Ferdinand and Ottilie (Joerdens) G.; reared in country. Grad. Coll. Graudenz, Germany, 1900.

Guard, Samuel R., assoc. ed. The Breeder's Gazette, 542 S. Dearborn St., Chicago, Ill.

Prof. an. husb., Chicago Vet. Coll., 1915-20. (Live-stock). —*b.* Elizabethtown, O., Dec. 25, 1889; *s.* Bailey G. and Abba (McKinney) G.; reared on farm; *m.* Kathryn Darnell, Oct. 7, 1915; *c.* Georgia Darnell. B.S.A., Ohio State Univ., 1912.

Guba, Emil Frederick, asst. res. prof. bot., Mass. Agr. Exp. Sta., Amherst, Mass.

Grad. asst. pom., Univ. Ill., 1919-22; collaborator, Plant Disease Survey, U. S. Dept. Agr., 1921-; asst. ext. prof. plant path., Cornell Univ., 1923-5; present position, 1925-. Private Q. M. C., World War. (Fruit diseases). —*b.* New Bedford, Mass., May 13, 1897; *s.* Frank A. and Bertha (Kuplent) G.; reared in city and on farm; *m.* Georgia Lackens, Oct. 14, 1924. B.S., Mass. Agr. Coll., 1919; Ph.D., Univ. Ill., 1923. Sigma Xi; Kappa Epsilon.

Guilford, Ralph Waldo, dir. agr., high-sch., Orland, Calif.

Dir. agr., Elk Grove Union High-Sch., 1922-3; present position, 1923-. Dir. Glenn Co. Fair and Agrl. Assoc. (An. husb.). —*b.* Storm Lake, Ia., Sept. 24, 1897; *s.* Emmett Henry and Anne Belle (Guilford) G.; reared on farm. B.S., Univ. Calif., 1922. Alpha Gamma Rho.

Guilford, William Sumner, agrst., Butte City Ranch, Butte City, Calif.

Pres. Glenn Co. Berkshire Breeders Assoc.; pres. Glenn Co. Shorthorn Breeders Assoc.; pres. Glenn Co. Shropshire Breeders Assoc.; dir. Amer. Shropshire Assoc.; pres. Western Berkshire Congress, 1916; mem. exec. com., Nat. Live-Stock Assoc.; pres. Amer. Shetland Pony Club, 1922. Live-stock ed., Wis. Agriculturist, 1902-5; western ed. Berkshire World. *Auth.*: Irrigator's Hand Book, 1909; (with Grubb) The Potato, 1911; California Hog Book, 1915. —*b.* Storm Lake, Ia., Sept. 21, 1882; *s.* Emmet H. and Anna B. (Forbes) G.; reared on farm and in small town. Student Univ. Wis.

Guill, John Hudson, farmer and mem. Fed. Farm. Loan Bd., 212 Old Land Office Bldg., Washington, D. C.

Farmer, Chico, Calif. Mem. Fed. Farm Loan Bd., 1922-; vice-pres. and dir. Fed. Land Bank of Berkeley, 1917-22; pres. Butte Co. Farm Bur., Calif., 1918-9. Mem. Assembly, Calif., 1911-2, 1913-4. (Farm land appraising). —*b.* Chico, Calif., Dec. 28, 1879; *s.* John H. and Mary Jane (Bryan) G.; reared on farm; *m.* Ethel Gardner, May 12, 1908; *c.* Mary Jane, Samuel Gardner, Ethel May, John H. Jr., Ida Virginia. B.S., Univ. Calif., 1903.

Guin, Joel Woods, co. agrl. agt., Chandler, Okla.

Superv. cotton gins and cotton buyer for E. B. Guin & Sons Gin Co., Ala., 1906-10; manag. and bookkeeper for Guin Gin Co., Lexington, Okla., 1913-4; teach. city sch., Guin, Ala., 1910-2; teach. rural sch., Wanette, Okla., 1915-7; agt. Lincoln Co., 1917-. Sec. Lincoln Co. Farm Council, 1919-20. (Hort., poultry). —*b.* Guin, Ala., Oct. 20, 1887; *s.* Eli B. and Mary E. (Hilburn) G.; reared on farm; *m.* Loula Marie Menasco, Nov. 15, 1913; *c.* Wyman Woods, Maxine Marie, John Alden. Student Univ. Okla.

Guise, Cedric Hay, asst. prof. for. manag., Cornell Univ., Ithaca, N. Y.

In U. S. For. Serv., and for. serv. of Mass. and Wis., 1 yr.; instr. for., Cornell Univ., 1915-7, 1919-21; asst. prof., 1921-. Instr. aerial navigation, U. S. Army Sch. Military Aeronautics. Ithaca, 1917-9. —*b.* Findlay, O., July 25, 1890; *s.* Perry O. and Caroline (Hay) G.; reared in city. B.S., Cornell Univ., 1914; M.F., 1915. Sigma Xi.

Guitteau, Judson A., state superv. agrl. educ., State Bd. Voc. Educ., Olympia, Wash.

Dairy farmer, 1915-7; instr. high-sch., Snohomish, Wash., 1917-20; present position, 1920-. —*b.* Ellensburg, Wash., Sept. 23, 1889; *s.* Geo. A. and Annie (Spalding) G.; reared on farm and in city; *m.* Anna M. Nystrom, May 17, 1917; *c.* Marian E., Robt. Geo. B.S., Wash. State Coll., 1915.

Gullickson, Thor William, asst. prof. dairy husb., Univ. Minn., University Farm, St. Paul, Minn.

Asst. in dairy cattle breeding invests., U. S. Dept. Agr., 1918-20; instr. dairying, Univ. Minn., 1920-2; asst. prof., 1922-. —*b.* Cushing, Wis., Aug. 26, 1894; *s.* Gullick and Johanna (Gulbrandson) G.; reared on farm; *m.* Gladys M. Brown, Aug. 12, 1914. B.S., Univ. Minn., 1918; M.S., 1922. Alpha Zeta; Gamma Sigma Delta.

Gunn, June Rawls, co. agrl. agt., Kissimmee, Fla.

Instr. voc. agr., high-sch., 1921-3; agrl. agt. Osceola Co., 1923-. Dir. State Banana Growers Assoc. 2d Lieut. Q. M. C., U. S. Army, 1917-9. —*b.* Aggyle, Fla., Jan. 13, 1895; *s.* C. C. and Annie (Rawls) G.; reared on farm. B.S.A., B.S.A.E., Univ. Fla., 1921. Alpha Zeta; Phi Kappa Phi; Sigma Nu.

Gunn, Reuben Veerin, agrl. dir. Wis. Bankers Assoc., Madison, Wis.

Asst. farm manag., Univ. Wis., 1914-6; instr., 1916-8; emergency agrl. agt., Fond du Lac Co., Wis., 1917; farm manag. dem., Ore. Agr. Coll., 1918-23; present position, 1923-. Farm manag., 5 yrs. —*b.* Murrayville, Ill., Aug. 5, 1887; *s.* John Thos. and Mary Ellen (Daniels) G.; reared on farm; *m.* Christina Rouwenhorst, Sept. 2, 1915; *c.* Magrieta Ellen, Stanley Veerin. B.S., Univ. Wis., 1914.

Gunnels, Charles E., agrl. dept., Deere & Co., Moline, Ill.

Instr. agron., Univ. Neb., 1915-6; co. agrl. agt., Seward Co., Neb., 1916-7; co. agt. leader, Univ. Neb., 1917-8; dir. agrl. ext. serv., Univ. Neb., 1918-9; asst. chief Off. Ext. Work, North and West, States Relations Serv., U. S. Dept. Agr., 1919-20; treas. and dir. organization, Amer. Farm Bur. Fed., 1921-3; present position, 1924-. —*b.* Crete, Neb., Sept. 6, 1888; *s.* Geo. W. and Agnes (Aller) G.; reared in town and on farm; *m.* Ruth G. Hogue, June 14, 1916; *c.* Marjorie Jean. B.S.A., Univ. Neb., 1915. Gamma Sigma Delta.

Gunnerson, Gilbert Lewis, co. agrl. agt., Fort Dodge, Ia.

Supt. schs., Bradgate, Ia., 1913-5; lab. instr. plant physiol., Ia. State Coll., 1916-7; supt. city schs., Sioux Center, 1917-8; agrl. agt., Plymouth Co., 1918-24; Webster Co., 1924-. —*b.* E. Lynn, Ill., Nov. 5, 1890; *s.* G. and Emma (Nelson) G.; reared on farm; *m.* Florence M. Holm, June, 1919; *c.* Charles, Howard Earl, Harley Lewis. B.S., Ia. State Coll., 1917. Alpha Zeta.

Gunness, Christian I., prof. rural engin., Mass. Agr. Coll., Amherst, Mass.

Instr. mech. engin., N. D. Agr. Coll., 1907-9; asst. prof., 1910-2; supt. Tractioneering Sch., La Porte, Ind., 1912-4; present position, 1914-. —*b.* Abercrombie, N. D., July 23, 1882; *s.* Ingebrigt and Maren (Gunness) G.; reared on farm; *m.* Elizabeth Rice, July 6, 1910; *c.* Robt. Chas., Elizabeth, Marion. B.S., N. D. Agr. Coll., 1907.

Gunson, Thomas, asst. prof. hort. and supt. grounds, Mich. State Coll., E. Lansing, Mich.

In chg. div. for. nursery, Jas. Backhouse & Son, York, England; orchid houses of Titus Salt Jr., Saltaire; grounds at Tullyallan Castle, Penthahm, Scotland; present position, 1891-. Del. to Floral Exhibition, Paris, 1900. Mem. exec. bd., State Hort. Soc. —*b.* Myoffet, Dumfrieshire, Scotland, July 4, 1858 (naturalized 1884); *s.* Thos. and Mary (Johnson) G.; reared on farm; *m.* Annie Rose, Apr. 6, 1884.

Gurler, Henry Benjamin, dairy farmer, Macon, Miss.

Mercantile business, De Kalb, Ill., 1864-8; dairyman, 1868-82; proprietor creamery, 1882-. Instr. butter-making, Univ. Wis., 1891; Univ. Vt., 2 terms; Penn. State Coll., 3 terms. *Auth.*: American Dairying, 1894; The Farm Dairy. Served in Civil War. —*b.* Chesterfield, N. H., May 21, 1840; *s.* Benj. and Harriet F. (Hopkins) G.; *m.* Selenia Rolf, Mar. 27, 1867; 2d, Cora A. Dodge, Oct. 5, 1904.

Gustafson, Axel Ferdinand, ext. prof. soil tech., Cornell Univ., Ithaca, N. Y.

Asst. soil physics, Univ. Ill., 1907-10; instr., 1910-1; assoc., 1911-5; asst. prof., 1915-8; asst. ext. prof. soil tech., Cornell Univ., 1920-1; ext. prof., 1921-. *Auth.*: (with Mosier) Soil Physics Laboratory Manual, 1912; (with Mosier) Soil Physics and Management, 1917. —b. Joy, Ill., Nov. 24, 1880; s. G. A. and Augusta (Jern) G.; reared on farm; *m.* Zora Dean McUmber, 1914; *c.* Helen Lucile, Gertrude Jean. B.S., Univ. Ill., 1907; M.S., 1912; Ph.D., Cornell Univ., 1920. Sigma Xi; Alpha Zeta (nat. pres., 1910-4).

Gustafson, Carl Henry, farmer, 1319 N. 38th St., Lincoln, Neb.

Pres. Farmers Educ. and Coop. State Union of Neb.; pres. Farmers Union State Exchange; pres. Farmers Union Live-Stock Comn. of Neb.; dir. marketing, Amer. Farm Bur. Fed., 1921-2; pres. U. S. Grain Growers Inc. and chm. com. on grain marketing; chm. com. on coop. live-stock marketing. Mem. Neb. Legislature, 1911, 1913; mem. Water Power Comn., 1911; chm. Farmers War Council of Neb. *Ed.*-in-chief, Nebraska Union Farmer. —*b.* Rockford, Ill., Apr. 1, 1869; *s.* Christopher and Hilda (Malstrom) G.; reared on farm; *m.* Anna M. Matson, May 20, 1893; *c.* Esther, F. M., Roy H., Reuben R., Nancy R. V., Ralph E. C.

Gustafson, George Winslow, co. agrl. agt., Chinook, Mont.

Farmer, Minn., 1 yr. Served in U. S. Army, 1918. —*b.* Waseca, Minn., Nov. 4, 1887; *s.* Frank and Carolina A. G.; reared on farm; *m.* Lydia K. Hagen, Sept. 1, 1920; *c.* Leighton Gordon, Blaine Winslow. B.S., N. D. Agr. Coll., 1914. Alpha Zeta; Phi Kappa Phi.

Guthrie, Edward Sewall, prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Instr. dairying, Ohio State Univ., 1905-8; instr. dairy ind., Cornell Univ., 1908-10; instr. and invest., 1910-3; prof. 1913-. Sec.-treas. O. Dairymens Assoc., 1907-8; mem. exec. com., N. Y. State Sunday Sch. Assoc. *Auth.*: The Book of Butter, 1918. —*b.* Coin, Ia., Dec. 27, 1880; *s.* Wm. Adam and Isabel (Sewall) G.; reared on farm; *m.* Margaret Faye Watterson, June 20, 1907; *c.* Edward Watterson, Margaret Isabel,

Glen Scott. B.S., Ia. State Coll., 1905; M.S.A., Cornell Univ., 1910; Ph.D., 1913. Sigma Xi.

Guthrie, Maude Lillian, food and nutr. specialist, Univ. Tenn., Knoxville, Tenn.

Teach. home econ., 3 yrs.; present position, 1917-. —*b.* Lincoln, Neb., Apr. 8, 1890; *d.* A. C. and Lillie (Sexauer) G. B.A., Univ. Ore., 1913; B.S., Ia. State Coll., 1914; M.A., Columbia Univ., 1917.

Guy, William Lewis, co. agrl. agt., Fargo, N. D.

b. Bourbon, Ind., Nov. 19, 1890; *s.* Jas. Wm. and Matilda (Thompson) G.; reared on farm; *m.* Mabel Leet, Nov. 26, 1918; *c.* Wm. B.S.A., N. D. Agr. Coll. Alpha Zeta; Alpha Gamma Rho.

H

Haag, Paul Edward, co. agrl. agt., W. Union, O.

Served in U. S. Navy, World War. (An. husb.). —*b.* Salem, O., Feb. 1, 1898; *s.* Frank and Louisa M. H.; reared on farm; *m.* Kirkby Horton, Oct. 1, 1921; *c.* Dorothy Florence, Violet Marie. B.S.A., Ohio State Univ., 1923.

Haber, Ernest Straign, asst. chief truck crops, Ia. State Coll., Ames, Ia.

Manag. gardens and orchard, Sawyer Sanitorium, Marion, O., 1919-20; asst. prof. hort., Ia. State Coll., 1920-4; present position, 1924-. 2d Lieut. Field Art., U. S. Army, 1918-9. —*b.* Olmsted Falls, O., Feb. 7, 1896; *s.* Wm. and Ellen (Straign) H.; reared on farm and in town; *m.* Helen Reece Barrett, Sept. 1, 1918. B.S., Ohio State Univ., 1918; M.S., Ia. State Coll., 1922. Gamma Sigma Delta.

Hackedorn, Howard, prof. and head dept. an. husb., Wash. State Coll., Pullman, Wash.

Asst. prof., Univ. Mo., 1910-8; present position, 1918-. —*b.* Marysville, Mo., Dec. 16, 1886; *s.* Nelson Robt. and Alvira (Duck) H.; reared in town; *m.* Ella Vanila Shuler, July 18, 1912; *c.* Howard Nelson, Marion Shuler. B.S., Univ. Mo.

Hacker, Alvin Leland, co. agrl. agt., Allentown, Pa.

b. Lincoln, Pa., Oct. 28, 1890; *s.* J. J. and Katie (Hagy) H.; reared on farm; *m.* Effie Klinefelter, Feb. 3, 1917. B.S., Penn. State Coll., 1916. Chi Phi; Phi Kappa Phi.

Hackleman, Jay Courtland, prof. farm crops ext., Univ. Ill., Urbana, Ill.

Asst. agron., Univ. Mo., 1910-1; instr., 1911-3; asst. prof., 1913-9; assoc. prof. farm crops ext., Univ. Ill., 1919-23; prof., 1923-. Sec.-treas. Mo. State Corn Growers Assoc., 1916-9. —*b.* Carthage, Ind., June 24, 1888; *s.* C. M. and Hattie (Call) H.; reared on farm; *m.* Lorraine Gans, July 24, 1912; *c.* Russell Edgar, Ruth Ellen. B.S.A., Purdue Univ., 1910; A.M., Univ. Mo., 1912. Alpha Zeta; Acacia; Alpha Gamma Rho.

Hadley, Charles Harvey, dir. Bur. Plant Ind., Penn. Dept. Agr., Harrisburg, Pa.

Asst. ent., N. H. Coll. and Exp. Sta., 1912-5; invest. in ent., Cornell Univ. Exp. Sta., 1915-6; ext. ent., Penn. State Coll., 1916-8; asst. prof. econ. ent., 1918-9; plant quarantine insp., U. S. Bur. Ent., Japanese beetle project, 1919-20; ent. in chg., Japanese beetle project, U. S. Bur. Ent. and N. J. Dept. Agr., 1920-3; present position, 1923-. —*b.* Block Isl., R. I., Aug. 5, 1889; *s.* Chas. Harvey and Carrie L. (Whitney) H.; reared in town; *m.* M. Genevieve Burt, June, 1917; *c.* Merle Genevieve, Eloise Marguerite, Barbara Jane. B.S., N. H. Coll., 1912. Sigma Xi; Alpha Zeta; Beta Phi.

Hadley, Frederick Brown, prof. vet. sci., Univ. Wis., Madison, Wis.

Instr. vet. med., Wash. State Coll., 1907-8; asst. prof. anat. and surg., 1908-9; asst. prof. vet. anat., Ohio State Univ., 1909-10; asst. prof. vet. sci., Univ. Wis., 1910-1; assoc. prof., 1911-8; prof., 1918-. Mem. of official party Amer. Vet. Med. Assoc. traveling in Europe, 1914. *Auth.*: The Horse in Health and Disease, 1915; Principles of Veterinary Science, 1920. (Contagious abortion of cattle). —*b.* Burlington, Vt., Jan. 31, 1880; *s.* Frederick and Lucia (Brown) H.; reared on farm; *m.* Jennie E.

Potts, Nov. 3, 1917; *c.* Susan Jane, Cornelia B., Helen Louise. D.V.M., Ohio State Univ., 1907. Sigma Xi.

Haecker, Theophilus L., prof. emeritus dairy and an. husb., Univ. Minn., 2134 Knapp St., St. Paul, Minn.

Instr. dairying, Univ. Minn., 1891-3; prof. dairy, 1893-1907; prof. and invest. an. nutr., 1907-18. Sec. Minn. Dairymens Assoc. Del. to Dairy Congress, Budapest, 1909. Exec. clerk to governor of Wis., 1874-91. Served in Civil War. Fellow A. A. A. S. *Ed.,* dairy dept., Farm Stock and Home. —*b.* Liverpool, O., May 4, 1846; *s.* Henry and Barbara (Drohman) H.; reared on farm; *m.* Marie Brown, Mar., 1869; 2d, Fanny M. Vilas, 1888; *c.* Harry C., Archibald L., Elfreda, Mary, Barbara. Student Univ. Wis., 2 yrs. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Haefner, Ruth Elizabeth, field dir. for res. of rural child, Ia. Child Welfare Res. Sta., State Univ. of Ia., Iowa City, Ia.

Home dem. agt., Sac City, Ia., 1918; Iowa City, 1918-20; instr. home econ. Ia. State Teach. Coll., summer 1920; superv. voc. home econ., W. Branch Consolidated Sch., W. Branch, Ia., 1920-2; visiting housekeeper, United Charities of Chicago, 1922-3. —*b.* Castalia, Ia., Jan. 9, 1894; *d.* John and Caroline (Froelich) H.; reared on farm and in town. Grad. Stout Inst., 1915; B.A., Univ. Ia., 1918.

Haenseler, Conrad Martin, assoc. plant path., N. J. Agr. Exp. Sta., New Brunswick, N. J.

Instr. bot., Rutgers Univ. Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Chattanooga, Tenn., Dec. 26, 1888; *s.* Conrad and Adelgunda (Hipp) H.; reared on farm; *m.* Annette Virginia Martin, Sept. 2, 1924. B.S.A., Univ. Tenn., 1914; M.S.A., 1916; Ph.D., Rutgers Coll., 1921. Sigma Xi; Alpha Zeta; Phi Kappa Phi.

Hafner, Vernon Etter, supt. substa. No. 3 of Tex. Agr. Exp. Sta., Angleton, Tex.

Sci. asst., U. S. Dept. Agr., Chillicothe, Tex., to 1920; present position, 1920-. —*b.* Greenville, Tex., Oct. 15, 1894; *s.* Willie E. and Ida May (McFadden) H.; reared in town; *m.* Lola Easley, Sept. 12, 1921. B.S., Tex. A. & M. Coll., 1917.

Hagar, Willard Sherman, co. agrl. agt., Mercer, Pa.

b. Canton, Pa., Nov. 22, 1891; *s.* Jas. Willard and Eva (Sherman) H.; reared on farm; *m.* Edna Yeatts, Oct. 1, 1918. B.S., Penn. State Coll., 1918. Sigma Phi Epsilon.

Hagedorn, Frederick Arthur, proprietor Hagedorns Dairy, Fenton, Mich.

Instr. dairy manufactures, Mich. Agr. Coll., 1916-8; sci. asst. in dairying, Dairy Div., U. S. Dept. Agr., 1918-9; present position, 1919-. —*b.* Fremont, Mich., Apr. 8, 1891; *s.* Simon and Magdalena (Petensen) H.; reared in town; *m.* Blanch Harriet Grill, July 11, 1916; *c.* Harriet Dorothy, Frederick Norman. B.S.A., Mich. Agr. Coll., 1916.

Hagen, Roy Maxwell, sec. Calif. Cattlemen's Assoc., 809 Santa Fe Bldg., San Francisco, Calif.

Asst. agrl. ext., Univ. Calif., 1915-7; instr., 1917-8; asst. prof., 1918-21; present position, 1921-. —*b.* Lincoln, Neb., June 20, 1893; *s.* Herbert C. and Mary Elizabeth (Maxwell) H.; reared on farm; *m.* Effie Maud Wilton, June 27, 1917. B.S., Univ. Calif., 1915. Alpha Kappa Lambda; Alpha Zeta.

Hahn, Ray Lester, instr. voc. agr., high-sch., Willimantic, Conn.

Instr. voc. agr., high-sch., Sharon, Conn., 1922; Willimantic, 1922-. Corporal Inf., A. E. F., 1918-9. —*b.* Hinton, W. Va., Oct. 30, 1894; *s.* Chas. Beecher and Emma M. (Martin) H.; reared in village and country; *m.* Elizabeth Alice Steer, Sept. 25, 1920; *c.* Elizabeth Alice, Ray Lester, David Beecher. B.S., Cornell Univ., 1922. Alpha Zeta; Phi Delta Kappa; Phi Kappa Phi.

Haigh, Leonard Dixon, assoc. prof. agrl. chem., Univ. Mo., Columbia, Mo.

b. Yorksville, Ill., Nov. 24, 1875; *s.* S. and E. (Dixon) H.; reared in city; *m.* Emily Becker, Nov. 21, 1905; *c.*

Joseph, Robt. B.S., Univ. Mich., 1900; M.S., 1903; Ph.D., Univ. Mo., 1911. Sigma Xi.

Haines, George, assoc. an. husb., Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Instr. an. husb., Cornell Univ., 1917-22; present position, 1922-. —*b.* Millbrook, N. Y., Aug. 1, 1897; *s.* Chas. and Anna (Forman) H.; reared in town; *m.* Helena J. Jenanyan, Sept. 14, 1918; *c.* Dorothea, Chas. Edward, Ida Caroline. B.S., Cornell Univ., 1917; M.S. Agr., 1918. Omega Tau Sigma; Phi Kappa Phi.

Haines, Harry Caum, co. agrl. agt., Somerville, N. J.

b. Mt. Ephraim, N. J., Aug. 2, 1885; *s.* Joseph M. and Martha A. (Caum) H.; reared in country village; *m.* Dana M. Bower, June 22, 1912; *c.* Clement B., Harry C. Jr., Philip B., W. Hervey. Studied Bucknell Univ., 3 yrs.; short-course, Rutgers Coll. Delta Theta Upsilon.

Hale, Joseph Carroll, co. agrl. agt., Colorado Springs, Colo.

b. Lane, Kans., Sept. 26, 1894; *s.* Joseph W. and Maria (McCreery) H.; reared on farm; *m.* Gladys C. Habaugh, Sept. 1, 1916; *c.* Stuart Owen. B.S., Colo. Agr. Coll., 1916. Sigma Rho Delta.

Hale, Preston Orin, co. agrl. agt., Zumbrota, Minn.

Student asst. feeding expts., Kans. State Agr. Coll., 1915-6; agrl. agt. Chase Co., Kans., 1917-9; rancher, Bazaar, Kans., 1920-3; agrl. agt. Goodhue Co., Minn., 1924-. —*b.* Zaunemin, Ill., Mar. 5, 1889; *s.* Orin M. and Effie (Ragan) H.; reared on farm; *m.* Anna M. Yeager, July 1, 1920; *c.* Marilyn Joy, Francis Nora. B.S.A., Kans. State Agr. Coll., 1916. Alpha Zeta.

Hale, Robert Irving Cary, teach. agr. and supt. schs., Lucas, Ia.

Teach. agr., 1919-. *Auth.*: For Your Dear Heart, 1915; Iowa Poems by an Iowa Boy, 1916. —*b.* Myron, Ia., May 1, 1884; *s.* Schuyler Colfax and Flora Irene (Gison) H.; reared on farm and in town; *m.* Chella Ford, Feb. 14, 1914; *c.* Robt. I. C. Jr., Royal McKenzie, Roy-Gailerd, Rose-Mary. B.A., Ia. State Teach. Coll., 1919.

Hale, Wealthy M., home econ. specialist, Univ. Wis., Madison, Wis.

Asst. prof. home econ., Coll. Ind. Arts, Denton, Tex., 3 yrs.; present position, 1921-. Sec. Tex. State Home Econ. Assoc. —*b.* Clear Lake, Wis., Sept. 18, 1883; *d.* John and Eunice M. (Prentice) H.; reared on farm. B.S., Univ. Wis., 1918.

Haley, Dennis Edward, prof. agrl. and biol. chem., Penn. State Coll., State College, Pa.

Instr., Ohio State Univ., 1918-9; from asst. to prof. agrl. chem., Penn. State Coll., 1914-8, 1919-. —*b.* O., July 22, 1885; *s.* John and Katherine (Creedon) H.; reared on farm; *m.* Helen F. Malloy, July 10, 1916; *c.* Helen, Catherine, Frances, John. B.S., Ohio State Univ., 1913; M.S., Penn. State Coll., 1916; Ph.D., Ohio State Univ., 1922. Sigma Xi; Phi Kappa; Phi Lambda Upsilon.

Hall, Bolling, specialist in fruit and veg. growing and marketing, Waynesville, N. C.

Princ. high-sch., Ruffin, N. C., 1909; manag. fruit farm, Waynesville, 1910-3; fruit-grower and consulting hort. for large orchards, 1914-. Sec.-treas. N. C. Hort. Soc., 2 yrs. —*b.* Denver, Colo., Sept. 24, 1883; *s.* Joseph E. and Mary M. (Stokes) H.; reared on farm and in city. A.B., Univ. N. C., 1909. Phi Kappa Sigma.

Hall, Darl Merideth, superv. voc. agr., and dir. voc. guidance, high-sch., Newton, Ia.

b. Creston, Ia., May 10, 1895; *s.* Owen Merideth and Hattie (Hudson) H.; reared on farm; *m.* Adah Elizabeth Darrington, Nov. 15, 1918; *c.* Shirley Elizabeth, Rosalie. B.S., Ia. State Coll., 1922. Lambda Sigma Delta.

Hall, Dennis Henry Jr., ext. poultry husb., Clemson Agr. Coll., Clemson College, S. C.

Asst. prof. poultry husb., N. C. State Coll., 1919-22; instr. chg. poultry husb., Pascagoula Training Centre, U. S. Veterans Bur., Miss., 1922-4; present position, 1924-. Corporal U. S. Army, 1918-9. *Assoc. ed.*, Southern Poultry Journal. —*b.* High Point, N. C., June 7, 1896; *s.* Dennis H. and Nancy Lee (Maynard) H.; reared in city; *m.* Cornelia Christine Judd, June 12, 1923. B.S., N. C. State Coll., 1919; M.S., 1921. Alpha Zeta; Alpha Gamma Rho.

Hall, Eugene W., co. agt. leader, S. D. State Coll., Brookings, S. D.

Asst. agrl. ext. agt., Gt. Northern Ry., 1913; farmers inst., S. D., 1914; co. agrl. agt., Spink Co., 1914-21; present position, 1921-. 1st pres. Co. Agt. Assoc. in S. D. (Field crops). —*b.* Markesan, Wis., Oct. 5, 1889; *s.* Wm. and Charlotte (Hare) H.; reared on farm; *m.* Lora B. Pendell, June 12, 1915; *c.* Wendell, Charlotte. B.S.A., Univ. Wis., 1913.

Hall, Evan W., co. agrl. agt., Spearfish, S. D.

Farmer, U. S. Indian Serv., 1909-11; asst. supt. state dem. farms, 1911-3; agrl. agt. Williams Co., N. D., 1913-8; asst. co. agt. leader, N. D. and Wyo., 1918-20; agrl. agt. Lawrence Co., S.D., 1920-. (Live-stock). —*b.* Ft. Berthold, N. D., May 9, 1887; *s.* Chas. L. and Susan (Webb) H.; reared on farm; *m.* Aline Newcomb, Dec. 9, 1909; *c.* Webb, Susan. B.S.A., N. D. Agr. Coll., 1909.

Hall, Forest G., co. agrl. agt., Wilmington, O.

Teach. rural schs., 4 yrs.; agrl. agt., Summers Co., W. Va., 1917-9; Harrison Co., 1919-22; teach. voc. agr., 1922-3; agrl. agt. Clinton Co., O., 1923-. —*b.* Pullman, W. Va., July 14, 1889; *s.* Asby Hunter and Olive May (Zumbro) H.; reared on farm; *m.* Laetazelle Snyder, Feb. 11, 1918; *c.* Robt. Glen, Alleda May, Wm. Bruce. B.S. Agr., W. Va. Univ., 1917. Kappa Sigma.

Hall, Francis D., farmer, Whittier, Ia.

Treas. Linn Co. Farm Bur.; sec.-treas. Brown Township Mutual Insurance Assoc., 1901-17. General and dairy farmer, Linn Co., 1882-. —*b.* Barnesville, O., Mar. 26, 1860; *s.* John and Debora (Davis) H.; reared on farm; *m.* Sara E. Battey, Nov. 18, 1884; *c.* Clara D. Rockwell, J. Floyd, Irene Hall McGrew, Tracy Marie Hoge.

Hall, Frank Henry, assoc. hort., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Instr. math., Mich. Agr. Coll., 1888-90; Off. Exp. Stas., Washington, 1893-7; ed. dept. field crops, Exp. Sta. Record, 1895-7; ed. and librarian, N. Y. Agr. Exp. Sta., 1897-1919; vice-dir., 1913-9. —*b.* Tecumseh, Mich., July 22, 1866; *s.* Alfred Daniel and Engelina (Heesen) H.; reared on farm; *m.* May Evelyn Avery, Oct. 28, 1891; *c.* Elizabeth Mary, Dorothy Van Doren, Sydney Wyckoff, Ruth Marguerite. B.S., Mich. Agr. Coll., 1888.

Hall, Hampton T., dir. voc. agr., high-sch., New Hampton, Ia.

Instr. manual training, high-sch., Storm Lake, Ia., 1923-4; present position, 1924-. (An. husb.). —*b.* Blockton, Ia., Mar. 2, 1900; *s.* Alfred P. and Emma E. (Wintermite) H.; reared on farm. B.S., Ia. State Coll., 1923. Sigma Sigma.

Hall, John Robert, co. agrl. agt., Linneus, Mo.

Farmer, La Monte, Mo., 4 yrs. Sec. Mo. Farmers Exchange, 1914-7. —*b.* Kearney, Mo., June 22, 1892; *s.* J. Ed. and Allie (Pence) H.; reared on farm; *m.* Mary B. Hill, June 22, 1918. B.S.A., Univ. Mo., 1917.

Hall Lorenzo Edward, distr. agrl. agt., Chadbourne, N. C.

Teach. graded schs., 6 yrs.; dem. agt. for Negro farmers of Columbus Co., 4 yrs.; distr. agt. supervising all Negro dem. work in N. C., 1918-; mem. Negro state adv. com. appointed by Governor Bickett of N. C. —*b.* Mt. Meigs, Ala., Dec. 6, 1880; *s.* Robt. and Penninnah H. (col.); reared on farm; *m.* Anna C. Johnson, Nov. 11, 1912; *c.* Minnie Johnson, Vivian Elizabeth. Grad., Hampton Inst.; student Univ. Wis., summer, 1924.

Hall, Maurice Crowther, zool., Zool. Div., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Instr. biol. and chem., high-sch., Canon City, Colo., 1906-7; sci. asst., jr. zool., asst. zool., U. S. Dept. Agr., 1907-16; sr. zool., 1919-24; zool., 1924-; parasitologist, Res. Lab., Parke, Davis & Co., Detroit, Mich., 1916-8. Sec. and pres. The Helminthological Soc. of Washington. Del. to Pan-Amer. Sci. Congress, 1915-6. Reviewer, Journal of Amer. Vet. Med. Assoc. 1st Lieut., Vet. Corps, U. S. Army, 1918-9. (Parasitology; anthelmintic and insecticidal treatments; proposed carbon tetrachloride treatment for hookworm disease. —*b.* Golden, Colo., July 15, 1881; *s.* Geo. H. B. and Marion Wallace (Crowther) H.; *m.* Lola May Davis, June 17, 1906; *c.* Marion Millicent, Winifred Lois, Margaret Lola. S.B., Colo. Coll., 1905; M.A., Univ. Neb., 1906; Ph.D., Geo. Washington Univ., 1915; D.V.M., 1916. Phi Beta Kappa; Sigma Xi.

Hall, Oakel Fowler, prof. educ. sociol., Purdue Univ., LaFayette, Ind.

b. near Crawfordsville, Ind., Dec. 20, 1879; *s.* Jas. Quincy and Amy Ann (Cox) H.; reared on farm; *m.* Edna Arlinda Barker, June 1910; *c.* Harriet W., Jas. Edward, Helen Fowler, Ruth Miriam. A.B., Wabash Coll., 1907; S.T.B., Harvard Univ., 1910. Kappa Delta Pi; Phi Gamma Mu.

Hall, Otis E., co. club agt., 244 Main St., Springfield, Mass.

Formerly state leader boys and girls clubs, Kans. State Agr. Coll. *Joint auth.*: Better Rural Schools. —*b.* Darlington, Ill., Dec. 20, 1879; *s.* Jas. Quincy and Amy (Cox) H.; reared on farm; *m.* Mary Demoret, June 25, 1908; *c.* Lois Marie, Mary Louise, Naomi. A.B., Wabash Coll., 1907.

Hall, Stanley William, asst. prof. flor. and asst. chief in flor. Exp. Sta., Univ. Ill., Urbana, Ill.

Florist with S. J. Goddard, Framingham, Mass., 1916-7; asst. flor., Univ. Ill., 1917-8; assoc., 1920-3; asst. prof., 1923-. 2d Lieut. Inf., U. S. Army, 1918-9. —*b.* Saxonville, Mass., Aug. 3, 1891; *s.* Jas. Edward and Jane (Dearden) H.; reared in town. B.S., Mass. Agr. Coll., 1916. Kappa Sigma; Gamma Alpha; Gamma Sigma Delta.

Hall, Travis, teach. voc. agr., high-sch., Horatio, Ark.

Present position, 1922-; deputy insp., Ark. State Plant Bd., 1922-. (Hort.). —*b.* Hightower, Tex., Sept. 17, 1898; *s.* John and Harriet (Smith) H.; reared on farm; *m.* Inez Ward, Aug. 11, 1923. B.S., Tex. A. & M. Coll., 1921.

Hall, Wood Bridge, instr. voc. agr. and supt. Jefferson Davis Acad., Yokena, Miss.

Teach. voc. agr., high-sch., Holly Springs, Miss., 1916-7; teach. shop and drawing, Crosset, Ark., 1917; instr. voc. agr., La Fayette Co. Agrl. High-Sch., 1919-21; present position, 1921-. 2d Lieut. Field Art., U. S. Army, 1918. (An. husb.). —*b.* Lake Como, Miss., Aug. 7, 1894; *s.* Washington Wood Bridge and Mary Jane (Bryan) H.; reared on farm; *m.* Olivia Jean Mathis, May 3, 1921; *c.* Mary Jane. Miss. A. & M. Coll., 1916.

Haller, Mark Hughlin, jr. pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Served in U. S. Marine Corps, 1918-9. (Ripening and storage of apples). —*b.* Chehalis, Wash., Sept. 22, 1897; *s.* John and Grace A. (Scott) H.; reared in city. B.S., Wash. State Coll., 1923. Alpha Zeta.

Halley, Ellis Sibley, instr. voc. agr., high-sch., Cheshire, O.

Live-stock dealer, 1923-4. (An. husb.). —*b.* Gallipolis, O., July 4, 1901; *s.* Henry and Clara (Sibley) H.; reared in village and on farm. B.S.A., Ohio State Univ., 1923.

Halligan, Charles Parker, prof. lands. gard., Mich. State Coll., E. Lansing, Mich.

Student asst. Arnold Arboretum, summer, 1903; hort., Nat. Farm Sch., Pa., 1904-6; instr. lands. gard., Mass. Agr. Coll., 1906-7; instr. pom. and lands., Mich. Agr. Coll., 1907-8; asst. prof. hort., 1908-13; present position,

1913-. —*b.* Boston, Mass., July 10, 1881; *s.* John and Margaret (McCarthy) H.; reared in suburbs; *m.* Lillian I. Proulx, Sept. 4, 1907. B.S., Mass. Agr. Coll., 1903. Kappa Sigma.

Halligan, James Edward, agrl. chem., John Wade & Sons, Inc., Memphis, Tenn.

Asst. chem., Mass. Agr. Exp. Sta., 1900-4; La. Sugar Exp. Sta., 1904-5; chem. in chg. La. Agr. Exp. Sta., 1905-13; in chg. res. and expl. dept., Intern. Sugar Feed Co., Memphis, 1919-20. *Auth.*: Fundamentals of Agriculture, 1911; Elementary Treatise on Stock Feeds and Feeding, 1911; Soil Fertility and Fertilizers, 1911; Fertility and Fertilizer Hints, 1911. (Agrl. chem., feeds and fertilizers). —*b.* Boston, Mass., Feb. 11, 1879; *s.* John and Margaret Elizabeth (McCarty) H.; reared in city; *m.* Eliza Perry Jones, June 30, 1908 (d. 1916); *c.* J. E. Jr., Perry Elizabeth. B.S., Mass. Agr. Coll., 1900. Kappa Sigma.

Hallman, Elam Tandy, assoc. prof. an. path. and vet. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Instr. histology, bact., path., Ala. Poly. Inst., 1910-2; instr. bact. and res. asst. bact., Mich. Agr. Coll., 1912-4; asst. prof., 1914-5; assoc. prof. an. path., 1915-; vet. to Exp. Sta., 1918-; an. path. to Mich. State Live-stock Comn., 1915-. —*b.* Oxford, Ala., Mar. 14, 1884; *s.* W. W. and Julia A. (Morris) H.; reared on farm; *m.* Alma N. Cook, June 6, 1912; *c.* Mary Louise, Alma Kathryn. D.V.M., Ala. Poly. Inst., 1910; grad. student Johns Hopkins Univ., 1910. Alpha Psi.

Hallman, Elmer Cassel, farmer and stockman, Acadia Valley, Alta.

General farmer and horse-breeder, 1903-. —*b.* Waterloo, Ont., Sept. 21, 1881; *s.* Josiah and Katy Ann (Cassel) H.; reared on farm; *m.* Laura Myrtle Forster, Oct. 16, 1918; *c.* Irene Dell, Hazel Mae, Mary Elizabeth. B.S.A., Univ. Toronto, 1902.

Hallock, Harold C., jr. ent., Bur. Ent., U. S. Dept. Agr., Riverton, N. J.

Dairy farmer, Dutchess Co., N. Y., 1916-20; teach. sci., high-sch., Weatherly, Pa., 1922-3; present position, 1923-. (Parasitology and Trypetidae). —*b.* Northville, S. D., Aug. 1, 1891; *s.* Geo. L. and Isabelle (Coleman) H.; reared on farm; *m.* Mabel M. Boloes, Aug. 22, 1917; *c.* Marian Isabelle. LL.B., Cornell Univ., 1916; M.S., 1922.

Hallock, Herbert Gilbert, fruit-grower, Washington Depot, Conn.

Manag. Washington Fruit Growers Assoc., 1915-; co. vice-pres. Conn. Pom. Soc., 1916-20, vice-pres., 1920-; master Washington Grange, 3 yrs. —*b.* Washington Depot, Conn., Jan. 10, 1889; *s.* Frank L. and Katie M. (Sullivan) H.; reared on farm. Grad. Conn. Agr. Coll., 1907.

Hallsted, Alanson L., assoc. agron. dry land agr., U. S. Dept. Agr., Ft. Hays Exp. Sta., Hays, Kans.

Farmer, 1903-9; special agt. U. S. Dept. Agr., Ft. Hays Exp. Sta., 1909-10; asst. dry land agr., 1910-24; assoc. agron., 1924-. (Rotations and tillage invests.). —*b.* Eagletown, Ind., Jan. 13, 1879; *s.* Wm. H. and Manervia A. (Pike) H.; reared on farm; *m.* Mamie E. Helder, Feb. 12, 1907. B.S.A., Kans. State Agr. Coll., 1903. Phi Kappa Phi.

Halm, Helen Hay, asst. prof. voc. educ., Univ. Neb., Lincoln, Neb.

Dir. home econ. dept., Corsicana, Tex., high-sch., 1908-10; Southwest Tex. State Normal Sch., San Marcos, 1910-3; dir. 2-yr. home econ. dept., Ia. State Coll., 1913-4; asst. prof. educ. and dir. supervised teaching in home econ., Kans. State Agr. Coll., 1915-8; teach. home econ., Geo. Peabody Coll. for Teachers, Jan.-Sept. 1917; in chg. textile and clothing dept., Cincinnati Univ., 1918-20; in chg. teacher training, Univ. Ariz., 1920-2; present position, 1923-. —*b.* Topeka, Kans., May 21, 1882; *d.* Frank D. and May (Ernul) H.; reared in city. B.S., Kans. State Agr. Coll., 1908; Columbia Univ., 1915. Pi Beta Phi; Omicron Nu; Phi Kappa Phi.

Halpin, James G., prof. and chm. dept. poultry husb., Univ. Wis., Madison, Wis.

Instr. poultry husb., R. I. State Coll., 1905-6; Mich. Agr. Coll., 1906-9; Univ.

Wis., 1909-. Sec. Wis. Poultry Assoc. — *b.* Odessa, N. Y., Oct. 18, 1882; *s.* John LaFayette and Sarah (Lattin) H.; reared on farm; *m.* Ione Blake; *c.* John Leon, Robt. Blake. B.S.A., Cornell Univ., 1905.

Halverson, John Oliver, chem. in chg. feed control and nutr., N. C. Agr. Exp. Sta. and N. C. State Dept. Agr., Raleigh, N. C.

Deputy dairy food and drug comnr., Mo., 1910-3; asst. biochem., Jefferson Med. Coll., 1914-5; lect. Queens Univ., Canada, 1915-6; acting chief in chg. nutr. invests., Ohio Agr. Exp. Sta., 1918. —*b.* Linden, Minn., Jan. 17, 1880; *s.* Clement and Anna (Johann) H.; reared in country; *m.* Emma C. Evenson, June 21, 1910; *c.* Edna May, Helen Florence. B.A., Univ. Minn., 1906; B.S., 1907; M.A., Univ. Mo., 1913; student Univ. Chicago, 1913; Yale Univ., 1913-4; Ph.D., Jefferson Med. Coll., 1916.

Ham, Harold Rudman, co. agrl. agt., Rochester, N. H.

Supt. live-stock dept., Univ. N. H., 1920-1; farm manag., N. Conway, 1921-2; instr., Univ. Del., 1922-4; agrl. agt. Strafford Co., N. H., 1924-. (An. husb., dairying). —*b.* E. Barrington, N. H., Jan. 2, 1899; *s.* Geo. S. and Lillian Emma (Jukes) H.; reared on farm; *m.* Judith Varney Jenness, Aug. 11, 1923; *c.* 3. B.S., Univ. N. H., 1920; M.S., Univ. Del., 1924. Theta Chi.

Hambleton, James Isaac, apiculturist, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Instr. ent., Univ. Wis., 1917-21. 1st Lieut. Inf., U. S. Army, 1918-9. —*b.* Chile, S. Amer., Jan. 1, 1895; *s.* Jas. Chase and Sara (Paulsen) H.; reared on farm and in city; *m.* Mabel Nichol, 1919; *c.* Edwina, Jean Winsor. B.S., Ohio State Univ., 1917. Sigma Xi; Alpha Gamma Rho; Phi Sigma.

Hamilton, Charles McGill, Minister of Agr. and Municipal Affairs, Regina, Sask.

Farmer; dir. Canadian Nat. Railways, 1 yr.; pres. Sask. Assoc. of Rural Municipalities, 7 yrs.; reeve of rural municipality, 10 yrs.; dir. Sask. Municipal Hail Insurance Assoc. —b. Whitechurch, Ont., Jan. 17, 1878; *s.* Andrew and Christina (Craig) H.; reared on farm; *m.* Minnie Morrison, Sept. 20, 1900; *c.* Christabel, Wilkie, Frances, Andrew, Hugh. Student Univ. Man.

Hamilton, Clyde Carney, assoc. ent., Rutgers Coll., New Brunswick, N. J.

Instr., Cornell Univ., 1916-7; Bur. Ent., U. S. Dept. Agr., 1917-8; Univ. Mo., 1917-9; Univ. Md., 1920-5; Rutgers Coll., 1925-. (Immature stages of Coleoptera). —*b.* Salina, Kans., June 24, 1890; *s.* Jas. Edward and Anna Elizabeth (Carney) H.; reared on farm; *m.* Vida Marguerite Hawkins, Dec. 25, 1918; *c.* Rachel Jane, Carol Elizabeth. B.S., Kans. State Agr. Coll., 1913; M.S., Univ. Ill., 1916. Sigma Xi; Gamma Alpha.

Hamilton, David Wiley, prof. agrl. educ., Wash. State Coll., Pullman, Wash.

Teach. rural schs., N. B., 1895-7; princ. high-sch., Florenceville, N. B., 1901-2; princ. Macdonald Consolidated Sch., Kingston, 1904-7; prof. nature-study and agr., Provincial Normal Coll., Fredericton, 1907-12; prof. nature-study and agr., Sch. for Teachers, Macdonald Coll., McGill Univ., 1914-8; present position, 1919-. Sec. N. B. Teach. Assoc., 1904-12. *Auth.*: Common Weeds of Canada, 1910; Our Common Birds, 1914; Lesson Topics in Nature-Study and Agriculture, 1915; Lessons in Nature-Study and Agriculture, 1918; The Motivation of Rural Education, 1923. —*b.* Florenceville, N. B., Apr. 30, 1878; *s.* John and Ellen (Dyer) H.; reared on farm; *m.* Bertella Annie Dayton, Dec. 28, 1904; *c.* Florence Alberta, Lillian Marguerite. B.A., Univ. N.B., 1901; M.A., 1904; Ph.D., 1907; B.S.A., McGill Univ., 1914; M.S., Ia. State Coll., 1922.

Hamilton, James E., teach. voc. agr., high-sch., Rt. 2, Huntsville, Ala.

Corporal Inf., A. E. F. —*b.* Limestone Co., Ala., June 10, 1891; *s.* J. H. and Josephine (Wilbanks) H.; reared on farm; *m.* Mae Hammonds, Dec. 24, 1919; *c.* Henry Edward. B.S., Ala. Poly. Inst., 1920.

Hamilton, John, agrst., State College, Pa.; Feb. 19, 1843—July 5, 1921. See Rus 1920.

Hamilton, Lionel H., ext. an. husb., Macdonald Coll., Que.

Present position, 1920-. —*b.* Arthur, Ont., Mar. 26, 1895; *s.* Robt. and Margaret (Rafter) H.; reared on farm. B.S.A., Univ. Toronto, 1920; M.S., Univ. Wis., 1925.

Hamilton, Robert Williams, specialist agron. ext., Clemson Agr. Coll., Aiken, S. C.

Farmer, 1916-7, 1919-21; present position, 1922-. 1st Lieut. Inf., U. S. Army, 1918. (Legumes). —*b.* Grindal Shoals, S. C., Oct. 16, 1894; *s.* Robt. Williams and Mary (Sims) H.; reared on farm; *m.* Dell Smith, Dec. 8, 1922. B.S., N. C. State Coll., 1916. Alpha Zeta; Kappa Alpha.

Hamilton, Vincent B., co. agrl. agt., Hampton, Ia.

b. Fall Branch, Tenn., Dec. 8, 1897; *s.* J. J. and Mary (Baker) H.; reared on farm; *m.* Mildred Brown, Dec. 4, 1923. B.S., Ia. State Coll., 1921. Alpha Gamma Rho; Sigma Delta Chi; Gamma Sigma Delta.

Hamlin, Herbert M., assoc. prof. voc. educ., Ia. State Coll., Ames, Ia.

Agrst., high-sch., LeSueur, Minn., 1916-8; agrl. agt. LeSueur Co., 1918; instr. voc. agr., high-sch., Chatfield, 1919-20; present position, 1920-. Served in U. S. Marine Corps, 1918-9. —*b.* Brookings, S. D., Mar. 23, 1894; *s.* Samuel L. and Mary M. (McNee) H.; reared on farm; *m.* Alice R. Schield, June 27, 1917. B.S.A., Ia. State Coll., 1916; M.S., 1922. Sigma Delta Chi; Alpha Zeta; Phi Kappa Phi.

Hamm, Oliver, beekeeper, Box 98, Sheridan, Wyo.

Pres. Wyo. Beekeepers Assoc. —*b.* Ind., Sept. 22, 1883; *s.* Mathew and Sarah (Long) H.; reared on farm.

Hammans, Charles Wayne, marketing ext. specialist, Ohio State Univ., Columbus, O.

Formerly co. agrl. agt., Logan, Ia.; marketing specialist, Ia. State Coll., 1920-4; present position, 1924-. —*b.* Afton, Ia., Jan. 2, 1892; *s.* Squire Geo. and Martha L. (Moffitt) H.; reared on farm. B.S., Ia. State Coll., 1914; M.S., 1923.

Hammond, Benjamin, manufacturer and merchant, Beacon, N. Y.

Amateur gardener. Sec. Amer. Rose Soc., 12 yrs., pres., 2 yrs.; chm. com. on sch. gardens, Soc. Amer. Florists and Ornamental Hort. Pres. Bd. Educ., Beacon, N. Y.; vice-pres. Mechanics Savings Bank of Beacon. *Ed.*, Mount Kisco Weekly. —*b.* Kidderminster, England, July 12, 1849 (naturalized as minor); *s.* Benj. and Mary (Twemlow) H.; reared in suburbs; *m.* Isabel Monilaws, July, 1875; 2d, Laura Anthony, 1898 (d. 1920); *c.* Marion Isabel, Grace Twemlow, Elsie.

Hammond, Maynard C., co. agrl. agt., Court House, Binghamton, N. Y.

b. Port Jervis, N. Y., Feb. 2, 1896; *s.* Geo. A. and Elsie (Peck) H.; reared in town and on farm; *m.* Lillian A. Lybolt, June 23, 1919; *c.* Robt. A., Maynard C. Jr. B.S., Cornell Univ., 1919. Alpha Gamma Rho.

Hand, William Flowers, prof. chem., Miss. A. & M. Coll., Agricultural College, Miss.

Asst. chem., Miss. A. & M. Coll., 1893-8; prof. and state chem., 1899-. Assoc. mem. Naval Consulting Bd. of U. S. Pres. S. Cent. State Assoc. of Food Control Officials, 1918-9; pres. Assoc. Official Agrl. Chemists, 1921; pres. Assoc. of Feed Control Officials of U. S., 1922. —*b.* Shubuta, Miss., Dec. 1, 1873; *s.* Albert P. and Florence (Flowers) H.; reared in small town; *m.* Evie Nash, Sept. 7, 1898; *c.* Wiley Nash. B.S., Miss. A. & M. Coll., 1893; M.S., 1895; Ph.D., Columbia Univ., 1903. Sigma Alpha Epsilon.

Handschin, Walter Frederick, prof. farm organization and manag., Univ. Ill., Urbana, Ill.; Jan. 10, 1880-Aug. 1, 1922. See Rus 1920.

Hanger, Wallace Edwin, ext. specialist farm crops, Ohio State Univ., Columbus, O.

Asst. agron., Md. Exp. Sta., 1911-5; present position, 1915-. —*b.* Preble Co., O., June 28, 1882; *s.* Geo. W. and Catharine (Judy) H.; reared on farm; *m.* Mary Louise Sherwood, June 5, 1917; *c.* Wallace Sherwood, Robt. Judy, Mary Catharine. B.S.A., Ohio State Univ., 1911. Delta Theta Sigma; Acacia.

Hanke, Oscar August, poultry specialist and journalist, 309 Huntington Court, Madison, Wis.

Supt. poultry farm, Tex. A. & M. Coll., 1923-4; supt. Tex. Nat. Egg Laying Contest, 1923-4; asst. agrl. journalism, Univ. Wis. —*b.* Waterloo, Wis., Mar. 1, 1902; *s.* Chas. F. and Bertha (Schultz) H.; reared on farm; *m.* Gertrude L. Menz, 1923. Grad. in agr., Univ. Wis., 1923. Alpha Zeta; Sigma Delta Chi.

Hankinson, John Henry, farmer, Glen Moore, N. J.

Farm operator, 1903-13; agrl. agt., Mercer Co., N. J., 1912-6; state leader co. agts., Rutgers Coll., 1916-8. Pres. E. B. Voorhees Agrl. Soc., 1908-11; trustee Farmers Coop. Assoc. of Mercer Co., 1912-8; sec. N. J. Council of Co. Boards Agr. —*b.* New York City, July 20, 1882; *s.* John H. and Mary Frances (Hunter) H.; reared in city and on farm; *m.* Marjorie Douglas Frost, Feb. 27, 1912; *c.* Margaret, John, Mary Lydia. B.A., Princeton Univ., 1903; grad. short-course, Rutgers Coll., 1908.

Hansen, Fred M., state Y. M. C. A. sec., 811 Sand L Bldg., Des Moines, Ia.

Teach. dairying, Mass. Agr. Coll., 1 term; Y. M. C. A. sec., Greene Co., Ia., 1904-7; state co. sec., 1907-15; sec. Y. M. C . A., Ia. State Coll., 1915-7, 1919-23; sec. Army Y. M. C. A., 1917-9. (Town and country work). —*b.* Goldfield, Ia., Oct. 26, 1882; *s.* Andrew and Caroline (Nelson) H.; reared on farm; *m.* May L. Kennedy, July 3, 1907; *c.* Paul, Frederick, Kent. B.S.A., Ia. State Coll., 1904. Sigma Delta Rho.

Hansen, Joanna Margaretha, prof. and head applied art dept., Home Econ. Div., Ia. State Coll., Ames, Ia.

Superv. art, public schs., Sioux City, Ia., to 1919; present position, 1919-. —*b.* Agtrup, Denmark (naturalized); *d.* Nicholas and Margaretha (Dethlefsen) H.; reared in town. Grad. Pratt Inst.; B.A., Ia. State Teach. Coll., 1917; M.A., Columbia Univ., 1924. Alpha Gamma Delta.

Hansen, Niels Ebbesen, prof. hort. and for., S. D. State Coll., Brookings, S. D.

Engaged in nursery business, Ia., 1888-91; asst. prof. hort., Ia. State Coll., 1891-5; present position, 1895-. Explorer, U. S. Dept. Agr., 1897-8, collecting seeds and plants in Russia, Turkestan, W. China, Siberia, Transcaucasia; 1906, around world through Lapland, Finland, Russia, Siberia, Manchuria, Japan; 1908-9, Siberia, Mongolia, Turkestan, Transcaucasia, N. Africa; 1913, Siberia; 1924, N. China. Originator and introducer new fruits and alfalfa. Awarded George Robert White gold medal of honor for eminent service in hort., by Mass. Hort. Soc., 1917. Sec. S. D. State Hort. Soc., 1895-. *Auth.*: Handbook of Fruit-Culture and Tree-Planting, 1890; (with J. L. Budd) Systematic Pomology, 1903. —*b.* Ribe, Denmark, Jan. 4, 1866 (naturalized as minor); *s.* Andrew and Bodil (Midtgaard) H.; *m.* Emma Elsie Pammel, Nov. 16, 1898; 2d, Dora Sophia Pammel, Aug. 27, 1907; *c.* Eva Pammel, Carl Andreas. B.S., Ia. State Coll., 1887; M.S., 1895; Sc.D., S. D. State Univ., 1917.

Hanson, Edwin O., asst. prof. dairy husb., Univ. Minn., University Farm, St. Paul, Minn.

(Official cow testing and dairy mfg.). —*b.* Edgerton, Wis., Jan. 30, 1889; *s.* Gilbert and Jane H.; reared in city; *m.* Lydia E. Lundquist, Sept. 15, 1910; *c.* Elizabeth, Jean.

Hanson, Frank Paul, ext. specialist in farm mech., Univ. Ill., Urbana, Ill.

Asst. sec. Amer. Soc. Agrl. Engin., 1920; sec.-treas., 1921; agrl. engin., Portland Cement Assoc., 1922; present position, 1922-. —*b.* Spaulding, Ia., Aug. 14, 1897; *s.* Andrew and Nellie Victoria (Hoakison) H.; reared on farm; *m.* Eva Ruth Handy, Sept. 1,

1921; *c.* Dorothy Corinne. B.S., Ia. State Coll., 1920. Theta Delta Chi; Tau Beta Pi; Gamma Sigma Delta; Phi Kappa Phi.

Hanson, Fred B., co. agrl. agt., Logan, Ia.

Dir. Lyon Co. Farm Bur., pres. 1924; dir. Farmers Coop. Creamery. —*b.* Inwood, Ia., Nov. 20, 1887; *s.* Henry and Olive G. (Johnson) H.; reared on farm; *m.* Anna Thorvaldsen, Jan. 6, 1915; *c.* Merle, Virgil, Delmar. Student Ia. State Coll., 2 yrs.

Hanson, Herman Herbert, state chem., Dover, Del.

Asst. chem., Me. Exp. Sta., 1902-7; assoc. chem., 1907-16; chem., 1916-9; asst. chem., W. Va. Exp. Sta., 1919-20; present position, 1920-. With U. S. Food Admins., Washington, 1917-8; Capt. Sanitary Corps, U. S. Army, 1918-9. Fellow A. A. A. S. Pres. Assoc. Feed Control Officials, 1923. (Analysis and microscopy of foods, drugs and agrl. products). —*b.* Strafford, N. H., Apr. 6, 1876; *s.* J. Freeman and Elsie (Woodman) H.; reared on farm; *m.* Alice Mary Stuart, June 5, 1905; *c.* Philip Stevens. B.S., Penn. State Coll., 1902; M.S., Univ. Me., 1906. Phi Sigma Kappa.

Harbold, Peter Monroe, prof. psychology and educ., Franklin and Marshall Coll., Lancaster, Pa.

Teach. hist. and pedagogy, Millersville State Normal, 1899-1902; supt. training sch., 1905-11; supt. city schs., Lancaster, Pa., 1911-2; princ. State Normal Sch., Millersville, Pa., 1912-8; camp educ. dir., Y. M. C. A., Camp Meade, Md., 1918-9; present position, 1919-. (Rural educ.). —*b.* Allen, Pa., Nov. 17, 1873; *s.* Peter and Leah (Burgard) H.; reared on farm; *m.* Helen Keiser, July 24, 1907; *c.* Elizabeth Keiser, Mary Leah. Grad. Millersville State Normal, 1898; Ph.B., Franklin and Marshall Coll., 1904; A.M., Harvard Univ., 1905; Sc.D. (hon.), Franklin and Marshall Coll., 1914. Phi Beta Kappa.

Hardenburg, Earle Volcart, asst. prof. veg.-gard., Cornell Univ., Ithaca, N.Y.

Instr. farm crops, Cornell Univ., 1912-9; asst. prof., 1919-20; asst. prof. veg.-gard., 1920-. Sec. N. Y. State Potato Assoc. and ed. Proceedings, 1915-21; pres. Potato Assoc. of Amer., 1920. Contr. to Book of Rural Life. (Potatoes, beans, cabbage, canning crops). —*b.* Brocton, N. Y., Nov. 30, 1889; *s.* Fowler Denton and Lizzie S. (Burroughs) H.; reared on farm; *m.* Aline Crandall, Sept. 4, 1915; *c.* Marjorie E., Robt. E., Dorothy A. B.S., Cornell Univ., 1912; M.S.A., 1915; Ph.D., 1919. Alpha Zeta.

Harder, Walter Roy, teach. agr., high-sch., Wellsville, Kans.

Student asst. apiculture, Kans. State Agr. Coll., 1920-1; field asst. crops, summer 1920; instr. voc. agr., high-sch., Coffeyville, 1922-3; Wellsville, 1923-. Corporal Inf., U. S. Army, 1917-8. —*b.* Minneapolis, Kans., Mar. 22, 1896; *s.* Edward J. and Matilda (Anderson) H.; reared on farm; *m.* Ruth Lois Cunningham, July 12, 1923; *c.* Walter R. Jr. B.S.A., Kans. State Agr. Coll., 1922.

Hardies, Edward William, asst. prof. field crops, S. D. State Coll., Brookings, S. D.

Served in U. S. Army, 1917-9. —*b.* Hawks, Mich., June 18, 1894; *s.* Wm. and Bertha (Stephan) H.; reared on farm. B.S., Mich. Agr. Coll., 1922; M.S., Univ. Minn., 1924.

Harding, Harry Alexis, chief res. dept., Frederick C. Mathews Co., P. O. Box 834, Detroit, Mich.

Bact., N. Y. Agr. Exp. Sta., Geneva, 1899-1913; prof. dairy bact., Univ. Ill., 1913-22; present position, 1922-. Comnr. Health, Geneva, N. Y. Traveled in W. Europe. —*b.* Oconomowoc, Wis., Nov. 28, 1871; *s.* Joseph and Elizabeth (Dean) H.; reared on farm; *m.* Esther Gordon, Aug. 31, 1899; *c.* H. Gordon, Esther, Helen, Ruth. B.S., Univ. Wis., 1896; M.S., 1898; Ph.D., Cornell Univ., 1910. Sigma Xi; Alpha Zeta.

Hardman, George, asst. prof. agron. and asst. agron. Exp. Sta., Univ. Nev., Reno, Nev.

Field agt., irrig. invests., 1915; present position, 1918-. (Irrig.). —*b.* Prairie City, Ore., Feb. 15, 1890; *s.* Franklin L. and Lillie (Craig) H.; reared on farm; *m.* Lucille Castor, Feb. 14, 1917; *c.* Geo. Franklin. B.S., Ore. Agr. Coll., 1915; M.S., 1916. Gamma Sigma Delta.

Hardy, Bruce Fenald, instr. agr., high-sch., Scottsburg, Ind.

b. Blocher, Ind., Sept. 21, 1895; *s.* John A. and Charlotte (Bruce) H.; reared on farm; *m.* Dolores Ruth Heady, 1918; *c.* Anne Louise, June. B.S.A., Purdue Univ., 1917. Alpha Zeta; Sigma Delta Chi.

Hardy, John Henry, fruit-grower, Littleton, Mass.

In provision business, Faneuil Hall Market, Boston, 17 yrs. Insp. apple grading, State Bd. Agr.; manag. Littleton Fruit Growers Assoc.; hort. dir. Littleton Farm Bur.; food adminis., Littleton, 1918; pres. Neshoba Fruit Growers Assoc. —*b.* Arlington, Mass., June 10, 1874; *s.* John H. and Anna J. (Conant) H.; reared in town; *m.* Dorothy Myra Keeler, Sept. 15, 1899; *c.* John, Sherman K., Ruth W.

Hardy, John Ira, an. husb., wool invests., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Asst. chem., Tenn. Agr. Exp. Sta., 1911-5; assoc. wool specialist, U. S. Dept. Agr., 1917-9; specialist wool invests., 1920; chem., Albany Felt Co., 1920-3; specialist wool and hair invests., U. S. Dept. Agr., 1923-. —*b.* Groveland, Mass., May 16, 1888; *s.* Lawrence and Mary (Leahey) H.; reared in town; *m.* Rose Abbott, Dec. 31, 1914; *c.* Edwin Abbott, John Lawrence. B.S., R. I. State Coll., 1910; M.S.A., Univ. Tenn., 1914; Ph.D., Univ. Mo., 1917. Sigma Xi; Theta Chi.

Hare, Butler Black, farmer, statistician, lawyer, Saluda, S. C.

Prof. hist. and econ., Leesville Coll., 1906-8; special agt. U. S. Dept. Labor in woman and child labor invests., 1908-9; outlined plan for system of long-term credits for farmers, 1912; ed. rural econ., Exp. Sta. Record, U. S. Dept. Agr., 1911-3; agrl. statistician, U. S. Dept. Agr., 1914-24. Democratic Congressman from S. C., 1924. —*b.* Saluda Co., S. C., Nov. 25, 1875; *s.* Jas. and Elizabeth (Black) H.; reared on farm; *m.* Katye Etheredge, Apr. 11, 1906; *c.* Robt. Hayne, Jas. Butler. A.B., Newberry Coll., 1899; M.A., Geo. Washington Univ., 1910; LL.B., Georgetown Univ., 1913.

Hare, Franklin Creighton, pres. Hare Incubator Co., Rockford, Ill.

Chief poultry div., Dept. Agr., Ottawa, Ont., 1898-1904; jr. an. husb., U. S. Dept. Agr., 1913-4; prof. poultry husb. and ext. husb., Clemson Agr. Coll., 1914-20; poultry specialist, U. S. War Dept., 1920-1; pres. Hare Incubator Co., 1922-. *Auth.*: Milk Feeding for Packing Houses, 1904; Secrets of Milk Feeding Chickens, 1912. *Assoc. ed.*, Reliable Poultry Journal, 1904-8; ed., The Standard and Poultry World, 1908-12. (Artificial incubation and brooding). —*b.* Toronto, Ont., Nov. 6, 1875 (naturalized 1911); *s.* John Jas. and Katherine Isabella (MacDowell) H.; reared on farm; *m.* Violet Maude Wilson, Jan. 11, 1903; *c.* Kathleen, John Franklin, Edward Wilson. Student Toronto Univ.

Hare, Raleigh Frederick, agrl. statistician, U. S. Dept. Agr., Las Cruces, N. Mex.

Asst. prof. chem., N. Mex. A. & M. Coll., 1893-1905; prof., 1905-16; present position, 1916-. —*b.* Opelika, Ala., June 6, 1870; *s.* Joseph Slocum and Susan (Bullard) H.; reared on farm; *m.* Adele B. Nelson, Aug. 17, 1898; *c.* Clifford N., Hugh Frederick. B.S., Ala. Poly. Inst., 1892; M.S., 1893; Ph.D., Columbia Univ., 1911. Phi Lambda Upsilon.

Hare, S. Herbert, lands. arch. and city planner, 712 Huntzinger Bldg., Kansas City, Mo.

Mem. firm Hare and Hare, 1910-; lect. lands. design, Univ. Kans., 1914. Fellow and trustee, Amer. Soc. Lands. Arch.; mem. Amer. City Planning Inst. Superv. town planner, Camp Funston, Kans., 1917; distr. town planner, U. S. Housing Corps, 1918. Traveled in Europe, 1924. —*b.* Kansas City, Mo., June 27, 1888; *s.* Sid S. and Mathilda

A. (Korfhage) H.; reared in city; *m.* Aurel M. Murtey, July 11, 1914. Student Harvard Univ., 1908-10.

Hargiss, Meade Thomas, dir. voc. agr., high-sch., Wichita, Kans.

Served in U. S. Navy, World War. —*b.* Cherokee, Kans., Sept. 5, 1895; *s.* Thos. F. and Nannie (Clark) H.; reared on farm; *m.* Julia Baldwin Wayland, Aug. 2, 1917; *c.* Meade T. Jr., Jas. Leonard. B.S., Kans. State Teach. Coll., 1917; B.S.A., Kans. State Agr. Coll., 1922.

Hargrave, William Ernest, co. agrl. agt., Benson, Minn.

Farmer, 1900-10; dairy farming, 1910-21. —*b.* Ripon, Wis., Nov. 2, 1874; *s.* Walter and Antonio C. (Myer) H.; reared on farm; *m.* Ethel Newcomb, Aug. 20, 1902; *c.* Wm., Esther, Eleanor. B.A., Ripon Coll., 1898.

Haring, Clarence Melvin, prof. vet. sci., Univ. Calif., Berkeley, Calif.

Asst. vet. anat., Cornell Univ., 1903-4; instr. vet. sci. and bact., Univ. Calif., 1904-6; asst. prof., 1906-10; vet. and bact., Exp. Sta., 1904-13; prof. vet. sci., 1914-; dir. Calif. Agr. Exp. Sta., 1920-4. Prof. vet. surg., San Francisco Vet. Coll., 1907-10; dir. Calif. anti-hog cholera serum lab., 1911-5. Sec. Amer. Vet. Med. Assoc., 1915-6; vice-pres. U. S. Live-Stock Sanitary Assoc., 1914. Del. from Calif. to 6th Intern. Congress on Tuberculosis, Washington, 1908. Capt. Vet. Corps, U. S. Army, 1918-9. —*b.* Freeville, N. Y., June 1, 1878; *s.* Purley Work and Ellen (Ainsworth) H.; reared in small village; *m.* Grace Moody, Aug. 22, 1908. D.V.M., Cornell Univ., 1904. Sigma Xi; Alpha Zeta.

Harkness, Donald Daniel, teach. voc. agr., high-sch., Watkins, N. Y.

b. Elba, N. Y., Jan. 3, 1900; *s.* Geo. N. and Meta (Vail) H.; reared on farm. B.S., Cornell Univ., 1922.

Harlan, Harry V., agron. in chg. barley invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Field insp. of crop conditions in Jugo-Slavia, Hungary, Roumania, Poland, Germany and Belgium for grain corporation and Amer. Relief, 1919; traveled in Orient and S. Amer.; explored Abyssinia, Punjab, Kashmir, Egypt, Algeria and Spain for varieties of barley, wheat and other grains, 1923-4. —*b.* London Mills, Ill., Feb. 19, 1882; *s.* Plato and Elizabeth (Philippi) H.; reared on farm; *m.* Augusta Griffiing, Nov. 15, 1905; *c.* Wilbur Vaughn, Jack Rodney. B.S.A., Kans. State Agr. Coll., 1904; M.S.A., 1909; Sc.D., Univ. Minn., 1914.

Harlow, Leslie Cleveland, prof. agrl. chem., N. S. Agr. Coll., Truro, N. S.

Prof. chem., Normal Coll., Truro, N. S., 1902-14; present position, 1914-. Served in Canadian Militia. —*b.* Shelburne, N. S., Oct. 25, 1872; *s.* Stephen and Mary (Fox) H.; reared in country; *m.* Margaret MacVicar, Aug. 26, 1902; *c.* Marion W., Emelyn O., Charles M., Alice V., Margaret C. B.S.A., Cornell Univ., 1899; B.Sc., 1900.

Harman, John Herbert, ext. ent., Mich. State Coll., E. Lansing, Mich.

Res. ent., U. S. Dept. Agr., 1918-22; present position, 1922-. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Brooklyn, N. Y., Apr. 9, 1892; *s.* Milton H. and Margaret (Mackay) H.; reared in city. B.S., Mich. Agr. Coll., 1918. Lambda Chi Alpha.

Harman, Raymond E., teach. agr. and farm manag., high-sch., Hatfield, Pa.

Farm manag. for E. B. Cassatt, Berwyn, Pa., 1918-20; supt. farm of S. B. Coxe, Paoli, 1921-2; present position, 1922-. —*b.* DuBois, Pa., Dec. 10, 1896; *s.* E. H.; reared on farm; *m.* Peg Eby, July 26, 1922; *c.* Betty Arlene. B.S., Penn. State Coll., 1918. Alpha Gamma Rho.

Harmer, Paul M., res. assoc. soils, Mich. State Coll., E. Lansing, Mich.

Instr. physics and chem., high-sch., Mankato, Minn., 1911-3; instr. soils, Univ. Minn., 1914-5; prof. chem., Neb. Wesleyan Univ., 1917-8; asst. prof. soils, Univ. Wis., 1919-21; present position, 1921-. In Chem. Warfare Serv., 15 mos. —*b.* Dodge Center, Minn., Mar. 6, 1888; *s.* Herbert and Eliza-

beth (Swam) H.; reared on farm; *m.* Gladys Louise Johnson, Sept. 14, 1917; *c.* Marjorie Elizabeth. B.Sc., Carleton Coll., Northfield, Minn., 1911; M.Sc., Univ. Minn., 1915; Ph.D., 1920. Sigma Xi; Alpha Gamma Rho.

Harmon, Alonzo Byron, distr. superv. agrl. ext. serv., Univ. Tenn., 432 Stahlman Bldg., Nashville, Tenn.

Farm manag. Lincoln Mem. Univ., 1914-7; agrl. ext. agt., Clarksville, Tenn., 1918-22; present position, 1922-. Served in U. S. Army, 1918. —*b.* Tazewell, Tenn., Jan. 3, 1893; *s.* J. H. and Ollie M. H.; reared on farm; *m.* Hallie Kirby, Dec. 22, 1919; *c.* Alonzo B. Jr., Dorothy Minerva. B.S., Lincoln Mem. Univ., 1916.

Harmon, Erskine Mortimer, assoc. prof. dairy husb., Univ. Mo., Columbia, Mo.

Sec. Mo. State Dairy Assoc., 1920-5; chm. Nat. Dairy Ext. Workers Assoc., 1921-3. —*b.* White City, Kans., Jan. 12, 1895; *s.* O. G. and Eva M. (Titt) H.; reared on farm; *m.* Gladys M. Dye, Apr. 29, 1919; *c.* Betty Louise. B.S.A., Univ. Mo., 1917.

Harmon, Frank Nelson, teach. agr. and princ. Valley Sch., Orderville, Utah.

Private U. S. Army, 1918-9. —*b.* Hawaii, Nov. 3, 1895; *s.* Melvin M. and Alice (Woodbury) H.; reared on farm; *m.* Lillie Esplin, Aug. 31, 1921. B.S., Utah Agr. Coll., 1921. Omega Tau; Phi Kappa Phi.

Harmon, Irvin Woodbury, teach. voc. agr., high-sch., Lovell, Wyo.

Princ. sch., Hurricane, Utah, 1916-8; teach. voc. agr. and sci., Bunkerville, Nev., 1919-20; teach. voc. agr., McCammon, Ida., 1920-1; Lovell, Wyo., 1921-. Dir. Wyo. Poultry Assoc. Served in Signal Corps, U. S. Army, World War. —*b.* Laje, Hawaii, June 18, 1893; *s.* Melvin M. and Alice Cannon (Woodbury) H.; reared in town; *m.* Winnie Midgley, Aug. 29, 1917; *c.* Kent Midgley, Dora Ann. B.S., Utah Agr. Coll., 1916.

Harmon, Roy William, dir. agr., Berkshire Ind. Farm, Canaan, N. Y.

Teach. agr., high-sch., Spencer, N. Y., 1916-7; Berkshire Ind. Farm, 1919-20; teach. an. husb., State Sch. Agr., Delhi, 1920-1; present position, 1923-. 2d Lieut. U. S. Air Serv., World War. —*b.* Albany, N. Y., Oct. 17, 1892; *s.* Lucius D. and Eulia (Lamoree) H.; reared on farm; *m.* Violet M. Fisher, June 30, 1919; *c.* Madeline A., Robt. L. B.S., Cornell Univ., 1916.

Harnden, Millard George, instr. voc. agr., high-sch., Walla Walla, Wash.

Dairyman, Minn., 1909-11; asst. instr. dairying, Okla. A. & M. Coll., 1916; princ. and instr. agr., Stover High-Sch., Marlow, 1919-20; instr. voc. agr., high-sch., Chickasha, 1920-1; itinerant teach.-trainer voc. agr., Okla. A. & M. Coll., 1921-2; co. agrl. agt., Chickasha, 1922-4; present position, 1924-. 1st. Lieut. U. S. Cavalry, 1917-9. —*b.* Sherburn, Minn., Dec. 23, 1893; *s.* G. R. and Alice Volista (Reynolds) H.; reared on farm; *m.* Marie Simmons, Aug. 25, 1917; *c.* Merton Reed, Edwin Jas., Raymond Eugene. B.S., Okla. A. & M. Coll., 1917. Alpha Zeta; Beta Theta Pi.

Harned, Robey Wentworth, prof. zool. and ent. and state ent., Miss. A. & M. Coll., Agricultural College, Miss.

Asst. biol., Miss. A. & M. Coll., 1906-8; acting prof. zool. and ent., 1908-10; prof., 1910-. Sec. State Plant Bd. of Miss. —*b.* Charles Co., Md., July 16, 1884; *s.* Edward Nathan and Helen M. (Porter) H.; reared in town and country; *m.* Edna Johnson, Oct. 24, 1911; *c.* Hilda, Edward Johnson, Margaret. B.S.A., Ohio State Univ., 1906.

Harp, Paul W., farmer, Pleasantville, Ia.

Stock raiser, Marion Co., Ia., 1910-, specializing in Shorthorn cattle. —*b.* Prairie City, Ia., Apr. 11, 1890; *s.* John F. and Emma (Worthingon) H.; reared in town; *m.* Lela L. Moore, June 24, 1912. B.S., Ia. State Coll., 1910. Phi Sigma Kappa.

Harper, Claude, assoc. an. husb., Purdue Univ., LaFayette, Ind.

Instr. an. husb., Univ. Ill., 1914-8; present position, 1918-. (Sheep, wool). —*b.* Ligonier, Ind., Sept. 29, 1891; *s.* Willis Leslie and Cisire Harper (De-

Vault) H.; reared on farm; *m.* Mary Frances Vernon, June 30, 1915; *c.* Claude Jr., Robt. Vernon, Willis Jas. B.S., Purdue Univ., 1914; M.S., Univ. Ill., 1918. Alpha Gamma Rho.

Harper, Herbert William, farmer, Harpersfield, N. Y.

Sch. teach., 1889-93. Breeder Jersey cattle and Cheviot sheep. Pres. Delaware Co. Farm and Home Bur. Assoc. and Jr. Ext. Bd. —*b.* Harpersfield, N. Y., Nov. 30, 1870; *s.* Joseph F. and Quintilla K. (Hendry) H.; reared on farm; *m.* Ada E. Mackey, Sept. 8, 1897; *c.* J. Ferdinand, Ralph D., Stanton H., W. Melrose, R. Adelaide.

Harper, Horace James, assoc. prof. soils and asst. chief soil chem., Exp. Sta., Ia. State Coll., Ames, Ia.

Sergeant U. S. Army, 1918-9. —*b.* Vinton, Ia., Feb. 14, 1896; *s.* J. E. and Adda (Long) H.; reared on farm; *m.* Faye Bentley, Dec. 22, 1919; *c.* Dorothy Carolyn. B.S., Ia. State Coll., 1918; M.S., 1920; Ph.D., Univ. Wis., 1923. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Phi Sigma; Delta Sigma Rho; Phi Kappa Phi; Phi Lambda Upsilon.

Harper, Joseph N., dir. farm serv. bur., Southern Fertilizer Assoc., 614 Rhodes Bldg., Atlanta, Ga.

Agron., Ky. Exp. Sta., 1898-1905; dir. S. C. Exp. Sta., 1905-17; dean dept. agr., S. C. A. & M. Coll., 1912-7; present position, 1917-. Studied agrl. conditions in Ireland and England. —*b.* Winston Co., Miss., Mar. 11, 1874; *s.* B. A. and Sarah (Yeager) H.; reared on farm; *m.* Susan Sparks, Sept., 1898; *c.* Lucy Elizabeth. B.S., Miss. A. & M. Coll., 1895; M.S.A., Univ. Ky., 1906.

Harper, Merritt Wesley, prof. an. husb., Cornell Univ., Ithaca, N. Y.

Asst. an. husb., Univ. Mo., 1902-5; asst. forage crops, U. S. Dept. Agr., 1902-5; farm manag., 1903-5; asst. an. husb., Cornell Univ., 1905-6; instr., 1906-7; asst. prof., 1907-12; prof., 1912-. Farmer 1911-. *Auth.:* Manual of Farm Animals, 1911; Training and Breaking of Horses, 1912; Animal Husbandry for Schools, 1913, new ed., 1924; Management and Breeding of Horses, 1913; Breeding Farm Animals, 1914. —*b.* Grove City, O., Oct. 24, 1877; *s.* Jas. and Elizabeth A. (Seeds) H.; reared on farm; *m.* Elizabeth M. Tanton, July 29, 1909; *c.* James T., John T., Geo. T. B.S., Ohio State Univ., 1901; M.S., Univ. Ill., 1902.

Harper, Roland McMillan, geographer, Fla. State Geol. Survey, Tallahassee, Fla.

In U. S. Nat. Herbarium, 1901-2; with Ala. and Fla. geol. surveys, 1905-; work on agrl. atlas of U. S., Off. Farm Manag., U. S. Dept. Agr., 1917-8; superv. Fla. population census, 1925. Contr. to sci. (mostly bot. and geographical) literature since 1899, to New Intern. Encyclopedia, 1914-5. Fellow A. A. A. S. —*b.* Farmington, Me., Aug. 11, 1878; *s.* Wm. and Bertha (Tauber) H. B.E., Univ. Ga., 1897; Ph.D., Columbia Univ., 1905.

Harrell, Alfred Gaines, co. agrl. agt., Butler, Ala.

Teach. public schs., Choctaw Co., Ala., 5 yrs.; operator public mill and gin, 5 yrs.; general farmer, 8 yrs.; raiser Poland-China hogs, Barred Plymouth Rock chickens and setter and collie dogs, 12 yrs. —*b.* Melvin, Ala., Oct. 18, 1872; *s.* Jas. D. and Mary E. (Gaines) H.; reared on farm; *m.* Bessie Parker, Oct. 6, 1897; *c.* Mattie, Mary, Sam P., Gaines Jr., Thos., Margaret, Elizabeth.

Harrington, Frank M., prof. hort., Mont. State Coll., Bozeman, Mont.

Formerly assoc. prof. pom., Ia. State Coll. —*b.* Hutchinson, Minn., Apr. 29, 1888; *s.* L. P. and May (Groshong) H.; reared in town. B.S.A., Ore. Agr. Coll., 1913; M.S., Ia. State Coll., 1922.

Harrington, Ida Schwedler, household ed. Pennsylvania Farmer, Philadelphia, Pa.

Dir. food shop, Women's Educ. and Ind. Union, Boston, 1908-10; ext. instr., Cornell Univ., 1911-3; manag. Glen Iris Inn, Letchworth Park, N. Y., summer 1913; farmers inst. lect., N. Y. State Dept. Agr., 1912-7; home dem. agt., Middlesex Co., Mass. 1919; state home dem. leader, R. I., 1919-22; home

manag. specialist, N. J., 1922-4; present position, 1923-. Mem. exec. com., Nat. Assoc. Farmers Inst. Workers, 1916; first vice-pres. New England Home Econ. Assoc., 1919-21. Home econ. dir. for R. I. under Fed. Food Adminis., 1917-9. Traveled in Europe. —*b.* New York City, June 21, 1868; *d.* Edward F. and Amelia (Stange) Schwedler; reared in city; *m.* Frank P. Harrington, Dec. 26, 1889; *c.* Frank Herbert, Alice. Student Simmons Coll., Cornell Univ.

Harrington, James Bishop, asst. prof. field husb., Univ. Sask., Saskatoon, Sask.

Served in Royal Air Force, 1918-9. (Cereal breeding). —*b.* Chicago, Ill., Jan. 22, 1894 (naturalized Canadian 1915); *s.* Jas. Bishop and Sarah (Smith) H.; reared in city; *m.* Elizabeth Marie Sawyer, June 20, 1924. B.S.A., Univ. Sask., 1920; M.S., Univ. Minn., 1922; Ph.D., 1924. Sigma Xi; Alpha Zeta; Gamma Alpha; Gamma Sigma Delta.

Harris, Benjamin Franklin, pioneer in banker-farmer movement, 1st Nat. Bank, Champaign, Ill.; Sept. 30, 1868—Dec. 19, 1920. See Rus 1920.

Harris, Franklin Stewart, pres. Brigham Young Univ., Provo, Utah.

Instr. sci., Juarez Stake Acad., 1904-5; asst. agrl. chem., Brigham Young Univ., 1906-7; asst. chem., Utah Exp. Sta., 1907-8; asst. soil tech., Cornell Univ., 1909-10; instr. soil tech., 1910-1; prof. agron., Utah Agr. Coll. and agron. Exp. Sta., 1911-21; dir. Sch. Agrl. Engin., 1912-21; present position, 1921-. Del. Intern. Dry-Farming Congress; Intern. Irrig. Congress; Universal Esperanto Assoc., Geneva, Switzerland. Pres. Amer. Soc. Agron.; chm. sect. agrl. engin., Intern. Dry-Farming Congress; sec. Utah Dry-Farmers Assoc. Fellow and pres., Utah Acad. Sci.; fellow A. A. A. S. *Auth.*: Man in Relation to His Work, 1913; The Vocations of Man, 1914; Principles of Agronomy, 1915; The Young Man and His Vocation, 1916; The Sugar-Beet in America, 1918; Soil Alkali, 1920; Scientific Research and Human Welfare, 1924. —*b.* Benjamin, Utah, Aug. 29, 1884; *s.* Dennison Emer and Eunice (Stewart) H.; reared in town; *m.* Estella Spilsbury, June 18, 1908; *c.* Arlene, Franklin S. Jr., Chauncey Dennison, Helen, Leah Dorothy, Mildred. B.S., Brigham Young Univ., 1907; Ph.D., Cornell Univ., 1911. Sigma Xi; Delta Nu; Gamma Sigma Delta; Phi Kappa Phi.

Harris, Norton Lewis, educ. dir. Seymour Packing Co., Topeka, Kans.

Asst. poultry, Kans. State Agr. Coll., 1910-6; Bur. An. Ind., U. S. Dept. Agr., 1916-8; ext. poultryman, Univ. Ariz., 1918-20; ext. poultryman, Kans. State Agr. Coll., 1920-2; present position, 1922-. —*b.* Yorkshire, Ill., July 24, 1876; *s.* Wm. Lewellyn and Lucilia (Morgan) H.; reared on farm; *m.* Martha Paterson, Apr. 19, 1900; *c.* Eugenia M., Lucilia M., Elizabeth W. Student Cornell Univ., Kans. State Agr. Coll.

Harris, William Jefferson, asst. prof. an. husb., Univ. Ky., Lexington, Ky.

Manag. cotton plantation, S. C., 1917; co. agrl. agt., Ky., 1918; manag. herd of Hereford cattle for Giltner Bros., Eminence, Ky., 1919-20; present position, 1920-. Traveled in Hawaii. (Beef cattle and sheep). —*b.* Pike Co., Ky., Apr. 27, 1892; *s.* Wm. A. and Sarah A. (Taylor) H.; reared on farm; *m.* Louise Hornsby, Oct. 12, 1921. B.S.A., Univ. Ky., 1916. Sigma Alpha Epsilon.

Harrison, Arthur Kenyon, asst. prof. lands. gard., Mass. Agr. Coll., Amherst, Mass.

Instr. lands. gard., Mass. Agr. Coll., 1911-3; asst. prof., 1913-. —*b.* Lebanon Springs, N. Y., May 25, 1872; *s.* Wm. H. and Marietta (Kenyon) H.; reared on farm; *m.* Gertrude Chandler Harrison, Aug. 28, 1901 (d. 1918); 2d, Florence Eleanor Harrison, July 12, 1924.

Harrison, Erbie Lee, pres. Ky. div. Farmers Union, Lexington, Ky.

Instr., Univ. Ky., 1909-10. Vice-pres. Nat. Farmers Union; del. Intern. Inst. Agr., General Assembly, 1924, Rome, Italy; sec.-treas. six state subsidiary corporations of Farmers Union, Ky. div.; mem. Fed. Bd. of Farm Organizations. Manag. Ky. Union Farm-

er. —*b.* Glasgow, Ky., Apr. 30, 1883; *s.* Flem and Mary (Harlow) H.; reared on farm; *m.* Luella M. Scovill, Sept. 13, 1916; *c.* Ruth Elizabeth, Helen Louise, John Scovill. A.B. Univ. Ky., 1909; student Univ. Wis., 1913-5; M.A., Univ. Mo., 1916. Alpha Zeta; Phi Gamma Delta.

Harrison, Fairfax, railway pres., Belvoir, Va.

Pres. Southern Ry. Co. and other corporations since 1913. Farmer. Ex-pres. Va. State Fair Assoc. *Ed.,* Roman Farm Management, 1913. —*b.* N. Y., Mar. 13, 1869; *s.* Burton and Constance (Cary) H.; *m.* Hetty Cary, June 6, 1894. B.A., Yale Univ., 1890; M.A., Columbia Univ., 1891; admitted to N. Y. Bar, 1892.

Harrison, Florence, dean home econ., Wash. State Coll., Pullman, Wash.

Instr. ext., Univ. Ill., 1910-2; head ext., 1912-3; assoc. in teach.-training, 1914-7; superv. Smith-Hughes work, 1918-9; present position, 1919-. Mem. exec. council, Amer. Home Econ. Assoc. (Home furnishing and manag.). —*b.* LaFayette, Ind., Aug. 31, 1884; *d.* Chas. and Rosa (Roberts) H.; reared in town. B.S., Univ. Ill., 1908; M.A., Columbia Univ., 1918. Phi Kappa Phi; Omicron Nu.

Harrison, Francis Charles, princ. MacDonald Coll. and dean of faculty of agr., McGill Univ., Macdonald College, Que.

Prof. bact., Ont. Agr. Coll., 1896; present position, 1909-. Fellow Royal Soc. of Canada. Lieut.-Col. Canadian Militia; asst. Adj.-Gen., Artillery Camp, Pelewawa, 1916-8. Rep. Canada in Intern. Dairy Conference, Budapest, 1910. Part ed., Microbiology; collaborating ed., Le Revue Generale du Lait, Journal of Bacteriology. —*b.* England, 1871; *s.* F. Sladen H.; *m.* Margaret R. Mills; *c.* 2 sons, 3 daughters. B.S.A., Toronto Univ., 1892; D.Sc., McGill Univ., 1906; studied at Cambridge Univ., Univ. Berne, Switzerland, Univ. Copenhagen, Denmark, Univ. Halle, Germany.

Harrison, Orlando, nurseryman and fruit-grower, Berlin, Md.

Mem. Md. State Senate, 1914-. Pres. Peninsula Produce Exchange; pres. Md. Hort. Soc.; pres. Amer. Assoc. Nurserymen; rep. Nat. For. Assoc.; rep. Atlanta Deeper Water Ways. Pres. Exchange and Savings Bank, Berlin, Md. *Auth.*: How to Grow and Market Fruit, 1911. —*b.* Roxana, Del., Jan. 27, 1867; *s.* Jos. G. and Katherine (Collins) H.; reared on farm; *m.* Ada H. Long, Jan. 15, 1894; *c.* G. Hale, Henry L., Orlando Jr., John L. B.S.A., Md. State Coll.

Harrison, Thomas James, prof. field husb., Man. Agr. Coll., Winnipeg, Man.

Asst. prof. field husb., Man. Agr. Coll., 1911-3; supt. Dominion Expl. Farm, Indian Head, Sask., 1913-5; present position, 1915-. Pres. Man. Seed Growers Assoc.; vice-pres. Intern. Farm Congress; vice-pres. W. Canada Soc. Agron.; sec. Dem. Farm Bd. —*b.* Carman, Man., Apr. 15, 1885; *s.* Wm. and Margaret (MacCullough) H.; reared on farm; *m.* Ethel Mary Playfair, Sept. 4, 1912; *c.* Archibald Wm., Jas. Allen, Dorothy Meryl. B.S.A., Man. Agr. Coll., 1911.

Harrison, Willobie B., co. agrl. agt., Anderson, S. C.

b. Ridgeway, S. C., Nov. 8, 1889; *s.* Reuben and Mary E. (Davis) H. (col.); reared on farm; *m.* Nina A. Hammond, Dec. 19, 1923. Grad. State A. & M. Coll., Orangeburg, S. C., 1920.

Harry, David G., farmer, Pylesville, Md.

Pres. Md. State Dairymens Assoc.; mem. Tri-State Milk Comn., 1916; dir. Nat. Fed. Milk Producers; lect. Md. State Grange and farmers insts. —*b.* Harford Co., Md., June 11, 1880; *s.* David and Maria (Warner) H.; reared on farm; *m.* Sara Lanius, Dec. 5, 1908; *c.* Helen Lanius, David G. Jr.

Hart, Edwin B., prof. agrl. chem., Univ. Wis., Madison, Wis.

Asst. chem., N. Y. Agr. Exp. Sta., Geneva, 1897-1902; assoc. chem., 1902-6; present position, 1906-. Fellow A. A. A. S. *Auth.*: General Agricultural Chemistry, 1910; Chemistry and Its Relation to Daily Life, 1913. —*b.* Sandusky, O., Dec. 25, 1874; *s.* Wm. and Mary (Hess) H.; reared on farm; *m.*

Annie DeMille, 1903; *c.* Margaret V. B.S., Univ. Mich., 1897; studied Univ. Heidelberg and Marburg, 1900-1.

Hart, George H., prof. vet. sci., Univ. Calif., Berkeley, Calif.

Asst. path. and bact., path. div., Bur. An. Ind., U. S. Dept. Agr., 1903-8; field work, 1908-10; city vet., Los Angeles, 1910-7; assoc. prof. vet. sci., Univ. Calif., 1917-24; prof., 1924-. Sec. Calif. State Vet. Med. Assoc.; vice-pres. Amer. Vet. Med. Assoc., 1915, 1923. (Comparative bact. and path., dairy bact.). —*b.* Philadelphia, Pa., Oct. 10, 1883; *s.* John R. and Jane S. (Sheard) H.; reared on farm; *m.* Eva. M. Cadman, Nov. 13, 1912. V.M.D., Univ. Penn., 1903; M.D., Geo. Washington Univ., 1908. Sigma Xi; Delta Tau Delta.

Hart, Lewis Raymond, sales manag. Federated Fruit and Veg. Growers, 90 West St., New York, N. Y.

Asst. teach. agr., high-sch., Perry, N. Y., 1916; teach. agr., high-sch., Hammondsport, 1916-20; sales manag. N. Amer. Fruit Exchange, 1920-2; present position, 1922-. —*b.* Ithaca, N. Y., May 27, 1893; *s.* Russell J. and Hattie (English) H.; reared on farm. B.S., Cornell Univ., 1916.

Hart, Richard Ambrose, drainage engin., Bur. Public Roads, U. S. Dept. Agr., Salt Lake City, Utah.

Vice-pres. Utah Irrig. and Drainage Congress, 1918-9; vice-pres. Utah Soc. Engin., 1923, pres., 1924; vice-pres. Utah sect., Amer. Soc. Civil Engin., 1924. (Drainage of irrig. lands). —*b.* York, Neb., Aug. 17, 1884; *s.* Ira A. and Alice (Booker) H.; reared in town; *m.* Hazel Elaine Barnes, June 17, 1914; *c.* John R. B.S. in E.E., Univ. Utah, 1907; C.E., 1912. Sigma Chi.

Hart, VanBreed, asst. prof. farm manag. and farm manag. dem., Cornell Univ., Ithaca, N. Y.

Asst. instr., Cornell Univ., 1916-7; instr., 1920-3; asst. prof., 1923-; farm manag. dem., 1924-. Dirigible pilot, U. S. Naval Air Serv., 1917-9. —*b.* McLean, N. Y., Oct. 5, 1894; *s.* Eugene Palmer and Helen A. (Gross) H.; reared on farm; *m.* Helen B. Clark, Oct. 2, 1922. B.S., Cornell Univ., 1916; Ph.D., 1923. Theta Alpha.

Hart, W. Edward, co. agrl. agt., Louisville, Ill.

Orchardist and farmer, Va., 4 yrs., S. Ill., 3 yrs.; agrl. agt., Williamson Co., 3 yrs.; Clay Co., 1921-. —*b.* Brighton, Ill., Apr. 21, 1888; *s.* Wm. Henry and Alice Annette (Converse) H.; reared on farm; *m.* Hallie Josephine Miller, June 7, 1916. B.S.A., Univ. Ill., 1911. Sigma Xi; Alpha Zeta.

Harter, Leonard Lee, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Sci. asst., U. S. Dept. Agr., 1903-5; asst. physiologist, 1906-8; asst. path., 1909-11; path., 1912-. —*b.* Moulton, Ia., Feb. 2, 1875; *s.* Aaron and Elizabeth (Replogle) H.; reared on farm; *m.* Nora Monterey Davis, Sept. 28, 1907; *c.* Helen S., Doris E., Stuart Davis. A.B., Univ. Neb., 1903; A.M., 1906; Ph.D., Geo. Washington Univ., 1917. Sigma Xi.

Harter, William Lewis, assoc. prof. farm manag., Ia. State Coll., Ames, Ia.

Prof. agr., Mt. Morris Coll., 1915-7; teaching fellow, Ia. State Coll., 1917-8; ext. assoc. prof. farm manag., 1918-9; present position, 1919-. Fruit-grower, Custer, Mich., 1908-14. —*b.* Moulton, Ia., Sept. 25, 1876; *s.* Silas and Nancy (Replogle) H.; reared on farm; *m.* Flora Mary Ramage, 1904; *c.* Wm. L. Jr., Samuel Orion, Margaret Adaline. A.B., McPherson Coll., Kans., 1904; M.S., Ia. State Coll., 1918.

Hartle, Henry William, sec.-treas. Owatonna Canning Co., Owatonna, Minn.

Farmer pure-bred Holsteins and Duroc-Jerseys, Steele Co., Minn., 3 yrs.; formerly dir. agrl. dept., high-sch., Owatonna. —*b.* Owatonna, Minn., Sept. 16, 1894; *s.* John and Mary (Agar) H.; reared on farm; *m.* Harriet Louise Lange, Aug. 16, 1918; *c.* Virginia Harriet. B.S., Univ. Minn., 1918. Alpha Zeta; Sigma Phi Epsilon.

Hartley, Charles Henry, asst. dir. agrl. ext., W. Va. Univ., Morgantown, W. Va.

Mem. W. Va. Legislature, 1913. —*b.* Cottageville, W. Va., Sept. 15, 1884; *s.* Stephen A. and Louise Victoria (King) H.; reared on farm; *m.* Ruth Miller, July 14, 1915; *c.* Chas. H. Jr., Robt. Lawrence, Marjorie Louise. B.S., W. Va. Wesleyan, 1908; B.S.A., W. Va. Univ., 1917.

Hartley, Charles Pinckney, chg. invests. in corn improvement, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach., Ida., 1892-7; asst. hort. and instr. math., Kans. State Agr. Coll., 1897-9; present position, 1899-. Fellow A. A. A. S. *Auth.*: Injurious Effects of Premature Pollination, 1902; Broom Corn, 1903; Corn Growing, 1904; Production of Seed Corn, 1905; Harvesting and Storing Corn, 1907; Cross Breeding Corn, 1911; Popcorn, 1913. —*b.* Ripley Co., Ind., July 7, 1870; *s.* Wm. Lynn and Lucy Jane (Vines) H.; *m.* Anna Gano Brigham, July 25, 1905. B.Sc., Kans. State Agr. Coll., 1892; M.Sc., 1899.

Hartman, Henry, assoc. prof. pom., Ore. Agr. Coll., Corvallis, Ore.

Formerly ext. asst. prof. hort., Ia. State Coll. —*b.* Marion, Kans., Dec. 11, 1889; *s.* H. and Leontine (Stillman) H.; reared on farm. B.S., Wash. State Coll., 1917; M.S., Ia. State Coll., 1922. Beta Theta Pi; Gamma Sigma Delta; Alpha Zeta; Delta Sigma Rho.

Hartwell, Burt Laws, dir. and agron. R.I. Exp. Sta., and prof. agrl. chem., R. I. State Coll., Kingston, R. I.

Asst. chem., Mass. Exp. Sta., 1889-91; 1st asst. chem., R. I. Exp. Sta., 1891-1903; assoc. chem., 1903-7; chem., 1907-23; agron., 1913-; dir., 1912-; prof. agrl. chem., R. I. State Coll., 1908-. Fellow A. A. A. S. (Plant nutr.). —*b.* Littleton, Mass., Dec. 18, 1865; *s.* Chas. P. and Lucinda (Laws) H.; reared on farm; *m.* May Louise Smith, Sept. 9, 1891; *c.* Gladys. B.S., Mass. Agr. Coll., Boston Univ., 1889; M.S., 1900; Ph.D., Univ. Penn., 1903. Sigma Xi; Phi Kappa Phi.

Hartwick, Tolley, farmer, Meredith, Mont.

Special ext. lect. on corn, Mont. State Coll., 1923-4; vice-pres. Custer Co. Farm Bur. (Corn). —*b.* Granite Falls, Minn., May 22, 1887; *s.* Ole and Anna Caroline (Tolles) H.; reared in town; *m.* Emma Benson, July 5, 1912; *c.* Ruth Dagmar, Kenneth Tolley, Sylvia Caroline, Tobias. Student Hamline Univ., 1 yr.; admitted to Minn. bar, 1912.

Hartzell, Frederick Zeller, assoc. ent., N. Y. State Exp. Sta., Vineyard Lab., Fredonia, N. Y.

Field asst., Div. Zool., Dept. Agr., Harrisburg, Pa., 1906-8; asst. ent., N. Y. State Exp. Sta., 1909-12; assoc. ent., 1912-. —*b.* near Easton, Pa., Dec. 11, 1879; *s.* Newton P. and Missouri R. (Zeller) H.; reared on farm; *m.* Edith Mordorf Rupp, Mar. 24, 1910. A.B., Lafayette Coll., Easton, Pa., 1905; M.A., Cornell Univ., 1909. Sigma Xi.

Harvey, Edward Maris, prof. hort. res., Ore. Agr. Coll., Corvallis, Ore.

Acting prof. biol., Coll. William and Mary, Va., 1911-2; res. asst. to Prof. Livingston, Desert Lab., Tucson, Ariz., 1912; asst. plant path., U. S. Dept. Agr., 1914-8; present position, 1918-. (Plant nutr. with reference to cultural practices for deciduous fruit-trees). —*b.* Galena, Kans., Mar. 20, 1888; *s.* Cyrus W. and Lavina (Carter) H.; reared on farm and in city; *m.* Bessie Neal, 1916; *c.* Sarah Margaret. A.B., Friends Univ., Wichita, Kans., 1910; Ph.D., Univ. Chicago, 1914.

Harvey, Harlow Williamson, field agt. in lands.-gard., Univ. Ga., Athens, Ga.

Teach. agr., biol., sci., 8th Distr. A. & M. Sch., Madison, Ga., 1916-8; teach. hort., Univ. Ga., 1918-9; present position, 1919-. —*b.* Lee Center, Ill., Jan. 16, 1878; *s.* Jos. Hawley and Ella Jane (Brewer) H.; reared on farm; *m.* Elizabeth Barbara Hamilton, May, 1905; *c.* Elizabeth Hamilton, Harlow W. Jr. B.S.A., Univ. Ga., 1916.

Harvey, Marie Turner, dir. rural dem. schools, State Teachers Coll., Kirksville, Mo.

Teach. rural sch., Pontiac, Kans., 1885-7; primary teach., Old Orchard, Mo., 1889-91; supt. public schs., Clay-

ton, 1891-1902; critic teach., State Normal Sch., Kirksville, 1907-8; inst. lect. and teach. Model Rural Sch., State Normal Sch., 1910-2; teach. and dir., Porter Rural Sch., 1912-24; present position, 1924-. State chm. dept. applied educ. Mo. Fed. Womens clubs. Contr. to Book of Rural Life. —*b.* Port Washington, Wis., May 13, 1869; *d.* Franklin and Anna Marie (Zimpelman) Turner; reared on farm; *m.* Clay Harvey, 1902.

Harvey, Samuel Hugh, asst. prof. dairy husb., Univ. Md., College Park, Md.

Instr. agr., high-sch., Clinton, Mass., 1917; Brimfield, 1919-20; present position, 1921-. Served in U. S. Army, 2 yrs.; instr. veg. gard., A. E. F. Univ., Beaune, France, 1919. *Assoc. ed.,* Journal of Dairy Science. —*b.* Willimantic, Conn., July 7, 1894; *s.* Samuel B. and Evelyn M. (Bennett) H.; reared on farm. B.S., Wesleyan Univ., 1916; student Conn. Agr. Coll., 1916-7; M.S., Univ. Minn., 1921. Chi Psi.

Harvey, Thurlow Weed, ext. agrst. and asst. to chief, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Asst. co. agt. leader in Ind., 1914-8; agrst. in co. agt. work, States Relations Serv., U. S. Dept. Agr., 1918-20; present position, 1920-. Compilor and ed., Extension Service Handbook, U. S. Dept. Agr. —*b.* Fairmount, Ind., Aug. 12, 1888; *s.* John W. and Elizabeth (Price) H.; reared on farm; *m.* Helen Louise Arnold, Aug. 19, 1913; *c.* Thurlow Weed Jr. Student, Whittier (Calif.) Coll., 1907-8; Leland Stanford Jr. Univ., 1908-10; B.S.A., Purdue Univ., 1914. Phi Kappa Sigma; Sigma Delta Chi; Alpha Zeta.

Haseman, Leonard, prof. ent. and ent. Exp. Sta., Univ. Mo., Columbia, Mo.

Asst. ent., Univ. Fla., 1905-6; asst., Univ. Mo., 1906-8; asst., Cornell Univ., 1908-10; instr. ent., Univ. Mo., 1910-2; asst. prof., 1912-6; assoc. prof., 1916-20; prof., 1920-. Chief nursery insp., Mo., 1913-. —*b.* Linton, Ind., Mar. 26, 1884; *s.* J. D. and Elizabeth C. (Shultze) H.; reared on farm; *m.* Elosia B. Fish, 1910; *c.* Joseph F., Leonard L., Wilber C. A.B., Univ. Ind., 1905; A.M., 1907; Ph.D., Cornell Univ., 1910. Sigma Xi; Gamma Sigma Delta; Gamma Alpha.

Hasik, John D., farmer, David City, Neb.

Teach. public schs., 1896-1903. Mem. Neb. Legislature, 2 terms; mem. State Bd. Agr., 2 terms; pres. Butler Co. Fair Assoc.; pres. Butler Co. Farm Bur. (Soils and corn). —*b.* Bohemia, Apr. 9, 1874 (naturalized 1895); *s.* Mathias and Katherine H.; reared on farm; *m.* Emma Ruby Faytinger, Sept. 21, 1898; *c.* Otto, Milo, Clarence, Dorothy, Irene.

Haskell, Earl S., agrst., 3622 T St., N. W., Washington, D. C.

Agrl. insp., Bur. Agr., Philippine Isls., 1909-12; chg. Baguia Exp. Sta., 1909-11; asst. agrst., Off. Farm Manag., U. S. Dept. Agr., 1913-20; agron., Asociacion de Agricultores del Ecuador, 1920-1; consulting specialist, Bur. Markets and Crop Estimates, U. S. Dept. Agr., 1921-2; conductor agrl. survey in state of Tabasco, Mex., for Dept. Middle Amer. Res., Tulane Univ., 1925-. Traveled in Japan, 1911, Europe, 1912, S. Amer., 1920-1; Mex., 1921. —*b.* Des Moines, Ia., Oct. 5, 1886; *s.* Orville C. and Jane L. (Winslow) H.; reared on farm; *m.* Mabel Sanborn, Mar. 13, 1917; *c.* Ruth Sanborn, Robt. Chester. B.S.A., Ia. State Coll., 1908; M.S.A., 1909. Delta Sigma Rho; Gamma Sigma Delta.

Haskell, Royal Joyslin, assoc. path. in chg. plant disease survey, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. plant path., Cornell Univ., 1914-7; path., Bur. Plant Ind., 1917-22; present position, 1922-. —*b.* Rochester, Mass., Jan. 27, 1890; *s.* Geo. B. and Annie E. (Joyslin) H.; reared on farm; *m.* Myrta M. Brown, May 29, 1916. B.S., Dartmouth Coll., 1912; Ph.D., Cornell Univ., 1917. Sigma Xi; Gamma Alpha.

Haskell, Sidney Burritt, dir. Mass. Exp. Sta., Amherst, Mass.

Asst. agron., Hatch Exp. Sta., 1904-5; instr., Mass. Agr. Coll., 1905-10; asst. prof., 1910-2; assoc. prof., 1912-5; prof., 1915-6; general dir. Soil Improve-

ment Com., Nat. Fertilizer Assoc., Baltimore, 1916-20; present position, 1920-. —*b.* Fargo, N. D., May 24, 1881; *s.* E. B. and A. E. (Gould) H.; reared on farm and in city; *m.* Florence L. Dacy, Dec. 25, 1908; *c.* Nelson B., Florence W., Alice E. B.S., Mass. Agr. Coll., 1904. Alpha Sigma Phi; Phi Kappa Phi.

Haskins, Frank Glenn, instr. voc. agr., high-sch., Madison, O.

Teller-Waterville State Savings Bank, 1918; present position, 1921-. —*b.* Waterville, O., Aug. 16, 1897; *s.* Wm. L. and Martha (Fearnside) H.; reared on farm; *m.* Dorothy E. Boyd, June 24, 1922; *c.* Jean Helen. B.S.A., Ohio State Univ., 1921. Alpha Gamma Rho.

Haskins, Henri Darwin, chg. fert. and soil lab., Mass. Exp. Sta., Amherst, Mass.

Asst. chem., Mass. Exp. Sta., 1890-1907; present position, 1907-. —*b.* Amherst, Mass., Dec. 27, 1870; *s.* Sylvester Henry and Elvira (Grey) H.; reared on farm; *m.* Fannie E. Graves, Oct. 10, 1895; *c.* Gerald Everard. B.Sc., Mass. Agr. Coll., 1890.

Hastings, Edwin George, prof. agrl. bact., Univ. Wis., Madison, Wis.

Asst. agrl. bact., Univ. Wis., 1899-1902; instr., 1902-5; asst. prof., 1905-9; assoc. prof., 1909-13; prof., 1913-. Fellow A. A. A. S. Mem. Wis. Live-Stock Sanitary Bd. *Auth.*: (with Russell) Experimental Dairy Bacteriology, 1909; (with Russell) Agricultural Bacteriology, 1915, 1921; (with Russell) Outlines of Dairy Bacteriology, 1920. Contr. to Microbiology. (Dairy bact.). —*b.* Austinburg, O., Aug. 11, 1872; *s.* O. P. and Susan (Rose) H.; reared on farm; *m.* Elva J. Waters, Sept. 16, 1902. B.S., Ohio State Univ., 1898; M.S., Univ. Wis., 1899. Sigma Xi; Sigma Alpha Epsilon; Phi Kappa Phi.

Hastings, Eugene M., Holstein advertising and sale manag., Pulaski, N. Y.

With Brookside stock farm, 1900-9; mem. Stevens Bros.-Hastings Co. (owners Brookside herd), 1905-9; established E. M. Hastings Co., 1909. One of two joint founders, Holstein-Friesian World, 1904 and ed. eastern edition, 1914-5; founder with M. S. Prescott, Black and White Record and ed. 1916-8. 1st Lieut., Amer. Red Cross, Bur. Hospital Adminis., France. —*b.* Oneida Co., N. Y., May 13, 1876; *s.* John H. and Charlotte (Rushmer) H.; reared in country; *m.* Carolyn M. Haven, 1898; *c.* Perry, Robt. Grad. N. Y. State Normal Coll., 1900.

Hastings, Harry George, seedsman, Atlanta, Ga.

Seedsman in Fla., 1889-99; Ga., 1899-; pres. H. G. Hastings Co., seedsmen; ex-sec. Fla. State Hort. Soc.; vice-pres. S. E. Fair Assoc. of Atlanta; vice-pres. Ga. Assoc.; chm. Farm and Market Bur. of Atlanta Chamber of Commerce; ex-pres., S. Seedsmen's Assoc., Amer. Seed Trade Assoc. Vice-pres. Ruralist Press, Inc.; vice-pres. Southern Ruralist Co. —*b.* Springfield, O., Mar. 8, 1869; *s.* Geo. W. and Candace L. (White) H.; *m.* Pearl M. Freeborn, Dec. 25, 1891; *c.* Wm. Raymond, Harry Stanley, Donald Madison. Student Oberlin Coll., 1884-5.

Haswell, John Robert, in chg. agrl. engin. ext., Penn. State Coll., State College, Pa.

Asst. to prof. H. N. Ogden, Cornell Univ., 1909; jr. topographer, U. S. Geol. Survey, 1909; geologic draftsman, Penn. R. R., 1909-10; drainage engin., U. S. Dept. Agr., 1910-20. Capt. Engin. Corps, U. S. Army, 1917-9; served in A. E. F. —*b.* Baltimore, Md., Aug. 6, 1886; *s.* Jas. N. and Esther J. (England) H.; reared in city and country; *m.* Marion Paschall Frederick, Aug. 23, 1917. C.E., Cornell Univ., 1909. Sigma Xi.

Hatch, Earle Clifton, advertising and circulation manag. Farm and Dairy, Peterboro, Ont.

Field superv., Soldier Settlement Bd., 1920; advertising manag. Farmers Guide, Moncton, N. B., 1921-2; Montreal advertising rep. for Grain Growers Guide and Farmers Sun, 1921-2; farmer, 1922-; present position, 1925-. Served in Canadian Army, 1916-9. —*b.* Oromocto, N. B., Feb. 18, 1896; *s.* Arthur and Bertha (Macpherson)

H.; reared on farm; *m.* Ethel H. Goodfellow, Sept. 1, 1920; *c.* Gerald Gordon. B.S.A., McGill Univ., 1920.

Hatch, Frederic Lewis, farmer and lect., Spring Grove, Ill.

Trustee Univ. Ill., 12 yrs. Traveled in Cuba and Mexico. *Auth.*: Hundreth Man in Agriculture, 1879.—*b.* Spring Grove, Ill., Nov. 1, 1848; *s.* Lewis and Mandana (Cole) H.; reared on farm; *m.* Ethelyn Baker, Dec. 21, 1906. A.M., Univ. Ill., 1873; hon. degree, Univ. Wis., 1918.

Hatch, Kirk Lester, asst. dir. in chg. ext., Univ. Wis., Madison, Wis.

Princ. high-schs., Sextonville, Black Earth, Waterloo, Wis., 1896-1907; princ. Co. Sch. of Agr., Winneconne, Wis., 1907-8; formerly prof. agrl. educ., Univ. Wis. *Auth.*: Elementary Agriculture, 1907; Profitable Dairying, 1908; High-school Agriculture, 1913. *Ed.*, American Agriculture Series. —*b.* Loyd, Wis., June 27, 1871; *s.* L. M. and Margaret (Rhinehardt) H.; reared on farm; *m.* Florence Adele Cushman, Oct. 17, 1896. B.S., Univ. Wis., 1909.

Hathcock, James Shoffner, asst. econ. analyst, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr., Rutgers Coll., 1923-4; Cornell Univ., 1924; present position, 1924-. (Marketing farm products). —*b.* Norwood, N. C., July 25, 1897; *s.* Thos. A. and Estelle (Dunlap) H.; reared in town. B.S., N. C. State Coll., 1919; M.S.A., Cornell Univ., 1923. Kappa Alpha; Alpha Zeta.

Hatland, Clarence Milton, teach. agr., high-sch., Walnut, Ill.

Teach. agr., high-sch., Eau Claire, Mich., 1919-20; Leland, Ill., 1920-3; Walnut, 1923-. —*b.* Aurora, Ill., Apr. 28, 1892; *s.* Gabriel and Laura H.; reared in town and on farm; *m.* Blanche Johnson, Dec. 25, 1922; *c.* Mildred Arlene. B.S., Mich. Agr. Coll., 1919.

Hausrath, Alfred Hartmann Jr., superv. voc. agr. and princ. high-sch., Stuart, Ia.

Superv. voc. agr. and princ. high-sch., Moulton, Ia. 1922-5; Stuart, 1925-. Pres. Ia. Agrl. Teach. Assoc.; pres. sec. educ. sect., Ia. State Teach. Assoc.; founder and sec. Moulton Crop Improvement Assoc.; sec. Moulton Farmers Inst. *Ed.* Hausrath Syndicate Press. —*b.* N. Y. City, May 1, 1901; *s.* Alfred H. and Anna (Bleyer) H.; reared in country and city; *m.* Mary Catherine Glassford, Mar. 23, 1923; *c.* Alfred H. B.S., Ia. State Coll., 1922. Gamma Sigma Delta.

Hauter, Lillo Holly, asst. dir. ext., N. Mex. A. & M. Coll., State College, N. Mex.

In ext. work, Purdue Univ., 1912; instr. agr., high-sch., Cheney, Wash., 1912-3; dir. agr., public schs., E. Grand Forks, Minn., 1913-5; dir. agr., public schs., Northfield, Minn., 1915; ext. ed., N. Mex. A. & M. Coll., 1918-20; asst. co. agt. leader, 1920-2; asst. dir. ext., 1922-. (Farm manag. and econ.). —*b.* La Salle, Ill., July 2, 1887; *s.* Oscar E. and Helen B. (Hirschy) H.; reared on farm. B.S., Purdue Univ., 1912; M.S., 1918. Alpha Zeta; Sigma Pi.

Havenhill, Mark, instr. farm mech., high-sch., Woodland, Calif.

Farmer, Fox, Ill., 1904-14; postmaster, 1909-14; manag. elevator, 1909-13; instr. agrl. engin., Ia. State Coll., 1914-5; head dept. agrl. engin., Univ. Ky., 1918-9; in chg. rural engin. ext., Kans. State Agr. Coll., 1921-4; present position, 1924-. Sec.-treas. Amer. Romney Breeders, 1915-. —*b.* Fox, Ill., Mar. 31, 1880; *s.* Asher D. and Ermina (Crum) H.; reared on farm; *m.* Alice Overholser, Aug. 16, 1904; c. Asher D. B.Sc. Agr., Ia. State Coll., 1904; B.S., in Agr. Engin., 1918.

Havner, Harry Harrison, prof. an. husb. ext., Penn. State Coll., State College, Pa.

Asst. an. husb., Penn. State Coll., 1911-2; instr., 1912-4; asst. prof., 1914-6; assoc. prof., 1916-7; assoc. prof. an. husb. ext., 1917-8; prof., 1918-20; prof. and asst. dir. agrl. ext., 1920-. Vet. ed., National Stockman and Farmer and Farm Journal. —*b.* Corydon, Ia., Nov. 11, 1888; *s.* Geo. J. and Dora (Simmons) H.; reared on farm; *m.* Ruth Adeline Stearns, Aug. 20, 1913; *c.*

Harry Dean, Robt. Stearns. D.V.M., Ia. State Coll., 1911; M.S.A., Penn. State Coll., 1916. Phi Sigma Kappa; Alpha Zeta.

Hawes, Howard Haldane, agrl. ed., Providence Daily Journal and Evening Bulletin, Providence, R. I.

Teach. public schs., Barrington, R. I., 1 yr.; asst. co. agt., 1918-9; agt. Providence and Bristol Cos., 1919-23; present position, 1923-. (Dairying). —*b.* E. Providence, R. I., Dec. 12, 1895; *s.* Addison S. and Ella D. (Jenks) H.; reared on farm; *m.* Edith Benedict, July 9, 1915; *c.* Meredith, Addison, Haldane, Lesandra. Student, R. I. State Coll. Beta Phi.

Hawk, Ellis Leroy, co. agrl. agt., Scottsburg, Ind.

Private U. S. Army, 1918. —*b.* Shelby, O., Aug. 6, 1898; *s.* Geo. C. and Clara (Bloom) H.; reared on farm; *m.* Edna Linke, Oct. 9, 1924. B.S.A., Ohio State Univ., 1922. Alpha Zeta.

Hawkins, Emin W., co. agrl. agt., Springfield, O.

2d Lieut. Air Serv., U. S. Army, 14 mos. (An. husb.). —*b.* Fairmount, Ill., Mar. 23, 1894; *s.* W. C. and Mable (Witherspoon) H.; reared on farm. B.S., Univ. Ill., 1916. Alpha Gamma Rho.

Hawkins, Ralph Sams, agron., Ariz. Agr. Exp. Sta., Tucson, Ariz.

Farmer, Marysville, Kans., 1914-8; dir. and auditor, Marysville Farmers Elevator Co., 1915-8; agrl. agt. Nemeha Co., 1918; asst. agron., Ariz. Agr. Exp. Sta., 1919-23; agron., 1923-. Pres. Marshall Co. Farmers Educ. and Coop. Union, 1917-8. —*b.* Marysville, Kans., Apr. 16, 1888; *s.* Richard H. and Sadie (Sams) H.; reared on farm; *m.* Georgia E. Roberts, Dec. 29, 1915; *c.* Lynn, Keith. B.S., Kans. State Agr. Coll., 1914; M. S., Univ. Ariz., 1922. Phi Kappa Phi.

Hawks, Emma Beatrice, asst. librarian, U. S. Dept. Agr. Library, Washington, D. C.

b. Williamsburg, Mass., June 27, 1871; *d.* Wm. A. and Linda M. (Eagley) H.; reared in town. A.B., Smith Coll., 1892; student N. Y. State Library Sch.

Hawley, Edith, specialist in home econ., Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Fellow and res. asst., Food Res. Inst., Stanford Univ., 1922-4; present position, 1924-. (Food econ.). —*b.* Percival, Ia., Jan. 14, 1885; *d.* H. E. and F. E. (Wadhams) H.; reared in town. B.S., Columbia Univ., 1919; M.A., 1920; Ph.D., Stanford Univ., 1924. Iota Sigma Pi.

Hawley, Ira Myron, head dept. zool. and ent. and ent. Exp. Sta., Utah Agr. Coll., Logan, Utah.

Asst. ent., Cornell Univ., 1912-6; invest., 1916-21; present position, 1921-; acting dean Sch. Basic Arts and Sci., 1923-4. —*b.* Canandaigua, N. Y., June 7, 1885; *s.* I. F. and Eva (Smith) H.; reared in city; *m.* H. Louise Clarke, May 10, 1918; *c.* Lenna Margaret, Mary Frances. B.A., Univ. Mich., 1909; Ph.D., Cornell Univ., 1916. Alpha Sigma Phi; Gamma Alpha.

Hawley, Robert Dorman, superv. ext. courses, Mass. Agr. Coll., Amherst, Mass.

Present position, 1920-. 2nd Lieut. Inf., U. S. Army, 1917-9. —*b.* Springfield, Mass., Oct. 21, 1895; *s.* Walter Scott and Grace Lillian (Dorman) H.; reared on farm and in city; *m.* Jean Marie Sawin, 1922; *c.* Barbara Sawin. B.Sc., Mass. Agr. Coll., 1918. Phi Sigma Kappa.

Hay, Angus Lockhart, distr. agrst., Cranbrook, B. C.

Potato insp., N. B. Dept. Agr., summer 1918; asst. supt. Exp. Farm, Fredericton, N. B., 1920-1; present position, 1921-. Sec. E. Kootenay Stock Breeders Assoc.; organizer and sec. E. Kootenay Boys and Girls Pig Work Club. (Dairying). —*b.* Lachute, Que., Oct. 31, 1896; *s.* Wm. and Elizabeth (Cluny) H.; reared on farm; *m.* Mildred Gladys Harvey, June 17, 1924. B.S.A., McGill Univ., 1921.

Hay, Clair Edwards, co. agrl. agt., Taylorville, Ill.

b. Kankakee, Ill., Aug. 27, 1890; *s.* Leon and Mary J. (DeLagneau) H.; reared on farm; *m.* Grace E. Trobaugh, Mar. 12, 1913; *c.* Constance Edith. B.S., Univ. Ill., 1913. Alpha Zeta.

Hay, George Clunie, distr. agrst., Kamloops, B. C.

Sec.-treas. B. C. Stock Breeders Assoc.; sec. B. C. Shorthorn Breeders Assoc.; sec. B. C. Hereford Breeders Assoc.; manag. Kamloops Bull Sale; dir. B. C. Wool Growers; dir. for B. C., Canadian Coop. Wool Growers. —*b.* Lachute, Que., June 30, 1892; *s.* Wm. and Elizabeth H.; reared on farm; *m.* Marcella McLean, Jan. 28, 1919; *c.* Donald Alexander. B.S.A., Macdonald Agr. Coll., and McGill Univ., 1916.

Hayes, Fred Montreville, assoc. prof. vet. sci., Univ. Calif., Davis, Calif.

Instr. vet. sci., Kans. State Agr. Coll., 1908-11; instr., Univ. Calif., 1912-3; asst. prof., 1913-9; assoc. prof., 1919-. —*b.* Bourbon Co., Kans., July 30, 1885; *s.* Harvey Lewis and Eva (Higbie) H.; reared on farm and in city; *m.* Flora Cornelia Knight, July 17, 1912. D.V.M., Kans. State Agr. Coll., 1908.

Hayes, Herbert Kendall, prof. plant-breeding, Univ. Minn., University Farm, St. Paul, Minn.

Asst. agron., Conn. Exp. Sta., 1908-11; plant-breeder, 1911-4; assoc. prof. plant-breeding, Univ. Minn., 1915-8; prof., 1919-. —*b.* Granby, Conn., Mar. 11, 1884; *s.* Marshall C. and Mary Ella (Merriam) H.; reared on farm; *m.* Anna A. Cushman, Sept. 28, 1911; *c.* Herbert, Mary. B.S., Mass. Agr. Coll., 1908; M.S., Harvard Univ., 1911; D.S., 1921. Kappa Sigma.

Hayes, H. M., teach. voc. agr., high-sch., Sergeant Bluff, Ia.

b. Edinburg, Ind., May 8, 1900; *s.* Samuel and Ella (Fuinas) H.; reared on farm. B.S.A., Purdue Univ., 1922. Kappa Delta Rho.

Hayes, John B., asst. prof. poultry husb., Univ. Wis., Madison, Wis.

1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Madison, Wis., July 21, 1891; *s.* John D. and Mary (Barry) H.; reared on farm and in city; *m.* Angelina Voelz, July 18, 1922; *c.* Mary Jane. B.S.A., Univ. Wis., 1914. Alpha Gamma Rho.

Hayes, Martin Luther, prof. voc. teaching, Tex. A. & M. Coll., College Station, Tex.; Feb. 6, 1877-Mar. 28, 1923. See Rus 1920.

Hayes, William P., asst. prof. ent., Univ. Ill., Urbana, Ill.

Asst. ent., Kans. Agr. Exp. Sta., 1914-24; asst. prof. ent., Kans. State Agr. Coll., 1918-24; present position, 1924-. Vice-pres. Kans. Acad. Sci. —*b.* Leadville, Colo., June 26, 1887; *s.* John and Sarah (Doonan) H.; reared in town; *m.* Louise Jacobs, Nov. 13, 1914; *c.* Mary Louise, John Chas. B.S., Kans. State Agr. Coll., 1913; M.S., 1918; Ph.D., Cornell Univ., 1923. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Hayman, Guy Longenecker, fruit-grower, Northbrook, Pa.

Pres. and dir. Fruit Growers Coop. of West Chester, Pa.; pres. Chester-Delaware Counties Fruit Growers, 1 yr.; mem. exec. com. Chester Co. Agrl. Ext. Assoc., 4 yrs. Pres. bd. dir. Unionville Joint Consolidated Sch. —*b.* Berwyn, Pa., July 10, 1889; *s.* Elwood and Effie Roland (Longenecker) H.; reared in town; *m.* Edith Tinnie Hart, Oct. 13, 1917; *c.* Robt. Wayne. B.S.A., Cornell Univ., 1911. Alpha Sigma Phi.

Hayner, Burton A., chm. dept. agr., Newtown High-Sch., Elmhurst, N. Y.

Princ. high-sch., Penfield, N. Y., 1899-1902; Pittsford, 1902-4; dept. sci., Canadaigua Acad., 1904-11; teach. physics and agr., N. Y. City., 1911-. Farmer, Pittsford, 1903-8. Mem. N. Y. Acad. Sci. —*b.* Middleport, N. Y., July 21, 1875; *s.* Ira and Nettie (McChesney) H.; reared on farm; *m.* Christine B. Crump, July 6, 1903; *c.* Florence G., Elliott B. B.A., Williams Coll., 1901; M.S., N. Y. Univ., 1914; Sc.D., 1916.

Haynes, Frank S., grain and live-stock farmer, Geneseo, Ill.

Pres. Ill. Farmers Inst. —*b.* Granville, Ill., Sept. 9, 1866; *s.* Henry B. and

Lucy W. (Barnard) H.; reared on farm; *m.* Clara M. Wood, June 3, 1896; *c.* Henry H., Florence W., Margaret.

Haynes, James Wilbur, teach. agr. and princ. Coast Union High-Sch., Cambria, Calif.

Instr. agr., high-sch., Ventura, Calif., 1915-7; Paso Robles, 1917-22; Atascadera, 1922-3; Cambria, 1923-. —*b.* Shellrock, Ia., Mar. 18, 1891; *s.* Willard and Elizabeth (Trotter) H.; reared on farm and in town; *m.* Queene Smale, Aug. 17, 1923. B.S., Ia. State Coll., 1915.

Haynie, Elmer Arthur, state superv. voc. educ., Univ. Fla., Gainesville, Fla.

Manag. stock farm, Nashville, Tenn., 1909-10; manag. southern plantations, Uniontown, Ala., 1910-1; princ. high-sch., Sulphur Springs, Tex., 1911-7; N. Tex. State Normal, summer 1915; teach. voc. agr., Jefferson Co. high-sch., Birmingham, Ala., 1917-9; present position, 1919-. —*b.* Loachapoka, Ala., Sept. 25, 1889; *s.* F. E. and Mary Jane (Duke) H.; reared on farm; *m.* Myrtie Yantis, May 20, 1912; *c.* Evelyn Hope. B.S.A., Ala. Poly. Inst., 1910.

Hays, Frank Alfred, res. prof. poultry invests., Mass. Agr. Exp. Sta., Amherst, Mass.

Farmer, Mont., 1908-11; prof. biol., Lenox Coll., 1912-5; prof. an. husb., Univ. Del., 1917-9; Univ. Wyo., 1919-22; present position, 1922-. —*b.* Beaver, Okla., Jan. 29, 1888; *s.* D. C. and Monina K. (Vance) H.; reared on farm; *m.* Laura Thiesen, July 2, 1918; *c.* Ruth H. B.S., Okla. A. & M. Coll., 1908; M.A., Univ. Neb., 1912; Ph.D., Ia. State Coll., 1917. Phi Kappa Phi.

Hays, John C., rancher and stockman, Pilot, Wyo.

Formerly co. agrl. agt., Casper, Wyo. Served in U. S. Army. —*b.* Loveland, Colo., May 26, 1887; *s.* John and O. E. (Gard) H.; reared on farm; *m.* Norma V. Jourgensen, Sept. 17, 1919. B.S.A., Colo. Agr. Coll., 1912. Sigma Alpha Epsilon.

Hays, Maurice Eugene, dir. field serv., Tex. Farm Bur. Cotton Assoc., Dallas, Tex.

Ent. ext. serv., Tex. A. & M. Coll., 1916-7; hort., 1919-22; sec. Tex. Farm Bur. Fed., 1922-5; present position, 1925-. In U. S. Air Serv., 1917-9. Sec. Tex. Hort. Assoc. (Peach production). —*b.* Midway, Mo., Jan. 26, 1893; *s.* J. and Elnora (Henderson) H.; reared on farm; *m.* Gladys J. Davis, Feb. 17, 1918. B.S.A., Univ. Mo., 1915; M.A., 1916. Gamma Sigma Delta.

Hays, Willet Martin, agrst., Eldora, Ia.

Asst. agr., Ia. State Coll., 1886; assoc. ed., Prairie Farmer, Chicago, 1887; asst. prof. agr., Univ. Minn., 1888-9; prof., 1890-1; prof. agr., N. D. Agr. Coll., 1892-3; prof. agr. and agrst. Exp. Sta., Univ. Minn., 1894-1904; asst. sec. agr., Washington, 1905-12; adv. to Argentine minister of agr., 1913; adv. to Univ. of Tucuman, 1914; farmer, 1915-22; auth. and inventor, 1922-. Organizer and sec. Amer. Genetics Assoc., 1903-12 and ed. Journal of Heredity, 1910-2; organizer and sec. Minn. Field Crops Breeders Assoc. First pres. Peace Soc. of Washington, 1912-3; original auth. and promoter U. S. voc. educ. law; hon. mem. Bd. Regents, Univ. Tucuman. Traveled in Europe and S. Amer. *Auth.*: Rural School Agriculture, 1903; Breeding Plants and Animals, 1904; Farm Development, 1910. —*b.* Union, Ia., Oct. 19, 1859; *s.* Silas and Christena (Lepley) H.; reared on farm; *m.* Clara Sheppard, 1885 (d. 1893); 2d, Ellen Beach, 1897; *c.* Bessie, Myron E., Doris Marie. Silas B. B.Agr., Ia. State Coll., 1885; M.Agr., 1896. Sigma Xi.

Hayward, Harry, agrl. div. N. W. Ayer & Son Advertising Agency, 123 Elmwood Ave., Devon, Pa.

Asst. dairy husb., Penn. State Coll., 1894-6; instr., 1896-8; asst. prof., 1898-1902; prof. an. and dairy husb., N. H. A. & M. Coll., 1902-3; asst. chief Dairy Div., Bur. An. Ind., U. S. Dept. Agr., 1903; dir. dept. agr., Mt. Hermon Boys Sch., 1903-6; dean dept. agr. and dir. Exp. Sta., Del. Coll., 1906-19; present position, 1920-. Dir. Coll. Agr., A. E. F. Univ., Beaune, France. Ex-mem. State Bd. Educ. Dir. Farmers Trust Co., Newark, Del.; ex.-trustee Ferris Ind. Reform Sch. —*b.* Lewiston, N. Y.,

May 19, 1869; *s.* Geo. Calvin and Frances (Baker) H.; reared on farm; *m.* Lillian Woolson, Sept. 7, 1897; *c.* Mary Frances. B.S.A., Cornell Univ., 1894; M.S., 1901; special course in agr., Univ. Minn., Hamelin Dairy Sch., Germany, Reading (England) Coll., Harvard Med. Sch. Sigma Xi; Phi Kappa Phi; Kappa Sigma.

Hazen, Leslie Eugene, prof. rural engin., Okla. A. & M. Coll., Stillwater, Okla.

Special agt., U. S. Dept. Agr., 1906-9; farmer, 1908-10; instr. agr. and military drill, S. Kans. Acad., 1910-1; asst. in dry land agr., U. S. Dept. Agr., 1911-3; instr. farm mech., Cornell Univ., 1913-6; asst. prof., 1917-8; prof. rural engin., Rutgers Coll., 1918-9; present position, 1919-. (Farm automotive machinery). —*b.* Centralia, Kans., Nov. 8, 1884; *s.* Newlon Seward and Elizabeth Caroline (Ewing) H.; reared on farm; *m.* Ella V. Brooks, Sept. 15, 1909; *c.* Xerlan Ruth, Gretzolon Lange, Arlon Giberson. B.S. in Agr., Kans. State Agr. Coll., 1906; M.E., Cornell Univ., 1916.

Head, Depew, farmer and stockman, R. F. D. 4, Marion, O.

City ed. Winfield Courier and Free Press, Winfield, Kans., 1908-9; grain business, 1909-13; farmer, 1913-. Mem. exec. com., O. Farm Bur. Fed., 1919-; dir. Amer. Farm Bur. Fed., 1921-4; pres. Nat. Swine Growers Assoc., 1923-4; pres. Hampshire Swine Record Assoc., 1922-. Traveled in Europe, 1908. —*b.* Bowie, Tex., July 6, 1886; *s.* Chas. E. and Margaret E. (Finnegan) H.; reared in town; *m.* Florence M. Roberts, Mar. 24, 1910; *c.* Dallas, Elizabeth. Student Southwestern Coll., Winfield, Kans.

Headlee, Thomas J., prof. ent., Rutgers Univ., ent. N. J. Exp. Sta., and state ent. N. J. State Dept. Agr., New Brunswick, N. J.

Asst. ent., N. H. Exp. Sta., 1906-7; assoc. ent., July-Oct., 1907; prof. ent., Kans. State Agr. Coll., ent. Exp. Sta., state ent., 1907-12; present position, 1912-. Fellow A. A. A. S. Sec. N. J. Mosquito Extermination Assoc. — *b.* White Co., Ind., Feb. 13, 1877; *s.* Josephus and Ruann (Mattix) H.; reared on farm; *m.* Blanche Ives, 1903; *c.* Mary Ruanna, Miriam Esther, Ruth Margaret. A.B., Univ. Ind., 1903; A.M., 1904; Ph.D., Cornell Univ., 1906. Sigma Xi; Phi Beta Kappa; Alpha Zeta.

Heald, Franklin Ernest, state agt. for training agrl. teachers, Mass. Dept. Educ., Amherst, Mass.

Princ. secondary schs., 1899-1914; specialist in agrl. educ., U. S. Dept. Agr., 1914-8; present position, 1918-. Sec. Amer. Assoc. for Adv. Agrl. Teaching, 1917-9; pres., 1919-. —*b.* Brattleboro, Vt., Nov. 10, 1873; *s.* Wm. F. and Jennie E. (Clayton) H.; reared in village and on farm; *m.* Grace E. Boyd, Aug. 28, 1901; *c.* Theodore B., Kenneth F. B.S., Dartmouth Coll., 1897; M.A., 1908. Phi Delta Theta.

Heald, Frederick De Forest, head dept. plant path. and path. Exp. Sta., Wash. State Coll., Pullman, Wash.

Prof. biol., Parsons Coll., Fairfield, Ia., 1897-1903; adj. prof. plant physiol., Univ. Neb., 1903-5; assoc. prof. bot. and bot. Exp. Sta., 1905-6; prof. agrl. bot. and bot. Exp. Sta., 1906-8; head Sch. Bot., Univ. Tex., 1908-12; path. Pa. Chestnut Tree Blight Comn., 1912-4; present position, 1915-. Collaborator, U. S. Dept. Agr., 1908; expert, 1909-10; agt., 1912-4; collaborator, 1915-. Mem. Wash. State Insecticide and Fungicide Bd.; sec. Northwest Scientific Assoc., 1923-. Fellow A. A. A. S. *Auth.*: Revision of Analytic Keys to Genera and Species of North American Mosses, 1897; Laboratory Manual in Elementary Biology, 1902; (with Lewis) Experiments in Plant Physiology, 1910; contr. to Book of Rural Life. *Assoc. ed.*, Phytopathology, 1911-6, 1919-21. —*b.* Midland City, Mich., July 23, 1872; *s.* Henry Francis and Hettie (Charles) H.; reared on farm; *m.* Nellie Townley, Dec. 27, 1899; *c.* Adelaide, Henry T., Marian Bessey. B.S., Univ. Wis., 1894; M.S., 1896; Ph.D., Leipzig Univ., 1897. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Kappa Phi.

Healey, Leonard H., farmer, sec. State Bd. Agr., State Capitol, Hartford, Conn.

Past-master State Grange, chm. exec. com.; past-overseer Nat. Grange; sec. Conn. State Fairs Assoc.; ex-pres. New England Fed. Rural Progress; chm. exec. com. Nat. Assoc. Comnrs. of Agr. —*b.* Des Moines, Ia., Oct. 9, 1864; *s.* Amasa A. Child and Sarah L. (Child) H.; reared on farm; *m.* Carrie A. Blackmar, June 13, 1889; *c.* Maude Elizabeth, John Blackmar, L. H. Jr., Ewart Gladstone, Merrill Loring, Beatrice Child, Sarah Estelle.

Healy, Daniel Joseph, prof. agrl. bact., bact. Exp. Sta., Univ. Ky., Lexington, Ky.

Anat., Surgeon General's Off., 1904-7; supt. Ky. Inst. for Feeble-Minded Children, 1909-10; bact., Ky. Exp. Sta., 1910-; prof. bact., Univ. Ky., 1911-9; prof. agrl. bact., 1919-. Mem. Com. Bact. Standards, Assoc. Amer. Dairy Food and Drug Officials. 1911-3; pres. Ky. Audubon Soc.; pres. Fayette Co. Med. Soc.; mem. Lexington City Bd. of Health; mem. Ky. Acad. Sci. —*b.* Toronto, Canada, Mar. 26, 1873 (naturalized 1900); *s.* Wm. and Eleanor (McCarthy) H.; reared in city; *m* Louise Susette Bergmann, June 26, 1902. M.D.G.M., McGill Univ., 1896. Sigma Xi.

Heard, Clyde Harmon, vice-pres. and manag. city sales in chg. lands. work, Capitol City Nurseries, Des Moines, Ia.

Agrst. consolidated schs., Twin Falls, Ida., 1912; assoc. prof. agr., State Normal Sch., Peru, Neb., 1912-5; first asst. hort., Univ. Ark., 1915-8; invest. marketing, food products insp., and market news serv., U. S. Bur. Markets, Des Moines, Ia., 1918-9; agt. in marketing, U. S. Dept. Agr. and Univ. Neb., 1919-20; with Capitol City Nurseries, 1920-. —*b.* Wheatland, Mo., July 2, 1889; *s.* Wm. Earl and Addie M. (Bartshe) H.; reared on farm and in city; *m.* Eunice Ella Mutz, Aug. 1, 1915; *c.* Wm. Russell, Ben. Robt. B.S.A., Univ. Ida., 1910; M.S.A., 1912; Univ. Neb., 1919.

Heard, Dwight Bancroft, loan and investment business, Phoenix, Ariz.

With Hibbard, Spencer, Bartlett & Co., wholesale hardware, Chicago; general manag. Bartlett-Heard Land & Cattle Co. Pres. Ariz. Pub. Co.; mem. nat. adv. comn. on beef for Fed. Food Adminis. Mem. 1st Conservation Congress, 1908. Ex-pres. Amer. Nat. Live-Stock Assoc. —*b.* Boston, Mass., May 1, 1869; *s.* Leander B. and Lucy (Howard) H.; *m.* Maie P. Bartlett, Aug. 10, 1894.

Hearle, Eric, asst. ent., Dominion Ent. Lab., Banff, Alta.

Resident master and lect. in English, biol. and ent., Ont. Agr. Coll., 1918; Canadian Res. Council scholarship for study mosquitoes in Fraser Valley, B. C., 1919; present position, 1920-. Served in Canadian Expeditionary Force, 1914-8. (Canadian mosquitoes and their control). —*b.* Missouri, India, July 21, 1893; *s.* Nathaniel and Adnera (Tweedy) H.; reared in town and country; *m.* Ida Mary Webb, 1921; *c.* Drucilla. B.S.A., Ont. Agr. Coll., 1917; M.S., Univ. Alta., 1925.

Hearn, James Able, co. agrl. agt., Paris, Ark.

Agrl. agt., Q. & C. Railway System, Hattiesburg, Miss., 15 yrs.; veg.-grower, Poplarville, Miss., 3 yrs.; Madison, 4 yrs.; manag. Herford Farm, Morganville, Ga., 1 yr.; teach. agr., high-sch., Holly Springs, Miss., 1921-2; voc. dem. John E. Brown Coll., 1923; agrl. agt. Logan Co., Ark., 1924-. Pres. S. Truck Growers League, 1904-5; state organizer Farmers Union, 1909. Served in Spanish-Amer. War. —*b.* Madison Sta., Miss., Dec. 4, 1877; *s.* David Russell and Martha Jane (Mixon) H.; reared on farm; *m.* Sue E. Graves, Jan. 4, 1899; 2d, Lida Graves, June 4, 1901; 3d, Vicia Nixon, June 1, 1919; *c.* Power, Thos., Jas., David Clemmens, Mallony, Elsie, Martha. Student Miss. A. & M. Coll.

Hearne, Cannon Chiles, state ext. agt., Univ. Mo., Columbia, Mo.

Manag. Forrest Ferguson Farms, Dyersburg, Tenn., 1919-21; Pomona, Mo., 1921; agrl. agt. Cape Girardeau Co., 1921-3. —*b.* Kansas City, Mo., July 9, 1897; *s.* Wm. Thomas and Tas-

sie (Chiles) H.; reared in town and on farm; *m.* Emily Virginia Franklin, June 12, 1920; *c.* Wm. Franklin. B.S., Univ. Mo., 1924. Alpha Gamma Rho.

Hearst, Charles E., farmer and pres. Ia. Farm Bur. Fed., 410 Observatory Bldg., Des Moines, Ia.

Teach. country schs., 2 yrs.; stock and grain farmer, Cedar Falls, 1892-. Pres. Black Hawk Co. Farm Bur., 1913-23; pres. Ia. Farm Bur. Fed., 1923-; mem. exec. com. Amer. Farm Bur. Fed., 1924-5, chm. legislative com., 1925; mem. Ia. Child Welfare Comn. —*b.* Cedar Falls, Ia., Oct. 18, 1869; *s.* Jas. and Deborah (Dane) H.; reared on farm; *m.* Katharine Schell, Dec. 30, 1898; *c.* Louise, Jas., Chas. Student Ia. Teach. Coll.

Hearst, William Francis, teach. voc. agr., high-sch., Alma, Kans.

Farmer, 1901-10. —*b.* Troy, O., Dec. 4, 1865; *s.* John and Sarah (Kinder) H.; reared on farm; *m.* Anna Cherry, Dec. 12, 1907. A.B., Kans. State Teach. Coll., 1914; B.S., Kans. State Agr. Coll., 1923. Phi Delta Kappa.

Heatley, Lynn, teach. agr., high-sch., Midland, Mich.

Served in U. S. Army, 1918-9. (Live-stock). —*b.* Rich Township, Mich., Jan. 25, 1897; *s.* Geo. and Mary Elizabeth (Dalrymple) H.; reared on farm; *m.* Mary Eleanor Kidder, Aug. 18, 1924. B.S., Mich. Agr. Coll., 1923. Alpha Zeta.

Hebert, Claude Romain, teach. agr., high-sch., Carencro, La.

Served in U. S. Army, 1917-9. —*b.* Youngsville, La., Aug. 30, 1895; *s.* Robt. J. and Cecille M. (Theriot) H.; reared on farm; *m.* Lillian Lear Tregre, Dec. 20, 1923. B.S., La. State Univ., 1923. Alpha Zeta.

Hechler, William Roy, live-stock and grain farmer, Dalton, Mo.

Instr. farm crops, Ia. State Coll., 1911-2; asst. prof., 1913-5; assoc. prof., 1916-20. Sec. Ia. Corn and Small Grain Growers Assoc., 1920; sec.-treas. Chariton Co. Farm Bur., 1921-5; mem. exec. com., Mo. Farm Bur. Fed., 1924-5; vice-pres. Mo. Corn Growers Assoc., 1924-5. —*b.* Dalton, Mo., Nov. 8, 1888; *s.* Geo. and Eliza (Sassee) H.; reared on farm. B.S.A., Univ. Mo., 1911. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Alpha Gamma Rho.

Heck, A. Floyd, asst. prof. soils, Wash. State Coll., Pullman, Wash.

b. Oblong, Ill., June 13, 1885; *s.* David P. and Isabelle (Hoffman) H.; reared on farm; *m.* Ruth Price, 1909; *c.* Kathryn. B.S., Univ. Ill., 1913; M.S., 1915.

Hecke, George Henry, dir. Calif. State Dept. Agr., Sacramento, Calif.

Formerly expert in viticulture, U. S. Dept. Agr.; state comnr. hort; owner fruit orchard and dairy farm, Yolo Co., Calif. —*b.* Hamburg, Germany, Jan. 4, 1870 (naturalized 1898); *s.* Robt. and Augusta H.; reared in city; *m.* Elizabeth Welch; *c.* Lelia, Martha. Educ. Royal Hort. Coll., Geisenheim, Germany, La Pyramide pres Angers, France, Royal Bot. Gard., Kew, England.

Hedgcock, George Grant, path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Princ. public sch., Oak, Neb., 1891-3; Ruskin, Neb., 1893-5; asst. bot., Univ. Neb., 1899; sci. asst., Bur. Plant Ind., 1901; asst. path., 1902-8; path., 1908-. Farm manag., Nuckolls Co., Neb. 5 yrs. (Tree fungi, especially rusts). —*b.* Augusta, Ill., Oct. 5, 1863; *s.* Barnett and Sarah Lutitia (Haines) H.; reared on farm; *m.* Lora Ladelle Merrill; *c.* Ruthe Elaine, Leland Merrill, Margaret Delletta. B.S., Univ. Neb., 1899; A.M., 1901; Ph.D., Washington Univ., 1906. Sigma Xi.

Hedge, Alfred Merle, co. agrl. agt., McArthur, O.

Salesman Intern. Harvester Co., 1922-3; head advertising dept., 1923-4; agrl. agt. Winton Co., 1924-. —*b.* Scenery Hill, Pa., Nov. 13, 1899; *s.* Thos. Arthur and Rosamund (Longen) H.; reared on farm; *m.* Lois F. Skeel, Aug. 10, 1921; *c.* Thos. Arthur. B.S.A., Ohio State Univ., 1921. Alpha Gamma Rho.

Hedge, James Clay, co. agrl. agt., Canfield, O.

Agrl. agt. Summit Co., 1916-23; Mahoning Co., 1923-. Pres. O. Co. Ext. Agts. Assoc., 1924-5. —*b.* Sarahsville, O., Apr. 25, 1888; *s.* John K. and Emma (Brown) H.; reared on farm; *m.* Marie E. Kohr, Nov. 28, 1917. B.S.A., Ohio State Univ., 1911.

Hedges, Florence, asst. path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Student asst. bot., Univ. Mich., 1901-2. Fellow A. A. A. S. Collaborator Centrbl. für Bakt., Pflanzenkr., u Parasitenkunde, 1914-7; Botanical Abstracts, 1924. *Auth.*: (with E. F. Smith) Pasteur, The History of a Mind, a translation from the French. —*b.* Lansing, Mich., Aug. 24, 1878; *d.* Hiram and Louise J. (Gibson) H.; reared in city. A.B., Univ. Mich., 1901.

Hedgespeth, Robert Henry, dir. agr., Union High-Sch., Corning, Calif.

Manag. creamery, Gustine, Calif., 1919; present position, 1922-. Served in Chem. Warfare Serv., 1917-8. (Hort.). —*b.* Wilsey, Kans., Apr. 23, 1893; *s.* Holland and Esther (Phillips) H.; reared on farm; *m.* Vera M. Stilwell, Aug. 14, 1923. B.S., Univ. Calif., 1917.

Hedrick, Ulysses Prentiss, hort., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. hort., Mich. Agr. Coll., 1893-5; prof. bot. and hort., Ore. Agr. Coll., 1895-7; prof. bot. and hort., Utah Agr. Coll., 1897-9; asst. prof. hort., Mich. Agr. Coll., 1899-1902; prof., 1902-5; present position, 1905-. Fellow A. A. A. S. *Auth.*: Grapes of New York, 1907; Plums of New York, 1910; Cherries of New York, 1914; Peaches of New York, 1917; Manual of American Grape-Growing, 1919; Sturtevants Notes on Edible Plants, 1919; Pears of New York, 1921; Cyclopedia of Hardy Fruits, 1922; Systematic Pomology, 1925. —*b.* Independence, Ia., Jan. 15, 1870; *s.* Benj. F. and Mary Catherine (Myers) H.; reared on farm; *m.* Amy Willis Plummer, June 23, 1898; *c.* Catherine Layton, Penelope Rodney, Ulysses P. Jr. B.S., Mich. Agr. Coll., 1893; M.S., 1895; D.Sc., Hobart Coll., 1913. Sigma Xi.

Hedrick, Wilbur Olin, prof. econ., Mich. State Coll., E. Lansing, Mich.

Instr. English, Mich. Agr. Coll., 1891-3; asst. prof. econ., 1893-1906; prof. econ. and hist., 1906-16; prof. econ., 1916-. Collaborator U. S. Dept. Agr. in rural credit res., 1914-6. *Auth.*: History of Railroad Taxation in Michigan, 1911; The Economics of A Food Supply, 1924. —*b.* Elkhart Prairie, Ind., Apr. 3, 1868; *s.* Benj. F. and Mary C. (Myers) H.; reared on farm; *m.* Lucilia Baker, Aug. 3, 1898; *c.* Helen Elizabeth, Hester Baker, Amy Jeanette, Marion. B.S., Mich. Agr. Coll., 1891; M.S., Univ. Mich., 1896; Ph.D., Univ. Mich., 1909.

Heffron, Samuel Ray, co. agrl. agt., London, O.

Field agt. forage crops, U. S. Dept. Agr., 1911-8; present position, 1918-. —*b.* Tompkins Co., N. Y., Nov. 8, 1884; *s.* Oliver P. and Lora L. (Norwood) H.; reared on farm; *m.* Lina Lincoln Baird, Sept. 11, 1915; *c.* Samuel R. Jr., Adnah Baird. Student Cornell Univ., 1908-10; B.S.A., Ohio State Univ., 1917.

Heim, Raymond W., state dir. voc. educ., state superv. agr., prof. agrl. educ., Univ. Del., Newark, Del.

Sch. teach., 1905-10; farmer and fruit-grower, Lycoming Co., Pa., 1907-9; teach. voc. agr., Pa., 1913-5; state superv. agr., Dept. Public Instruction, Harrisburg, Pa., 1915-7; fed. agt. for agrl. educ., Fed. Bd. for Voc. Educ., N. Atlantic region, 1917-9; present position, 1919-. —*b.* Williamsport, Pa., Oct. 13, 1886; *s.* David J. and Hulda (Schaeffer) H.; reared on farm; *m.* Bess Alberta Fye, Aug. 5, 1913. B.S., Penn. State Coll., 1913; M.A., Columbia Univ., 1922. Phi Delta Kappa; Phi Kappa Phi.

Heinicke, Arthur John, prof. pom., Cornell Univ., Ithaca, N. Y.

Instr. pom., Cornell Univ., 1914-7; asst. prof., 1917-20; prof. and head dept., 1920-. —*b.* St. Louis, Mo., Oct. 23, 1892; *s.* Martin T. and Magdalene (Beckert) H.; reared in city and on farm; *m.* Marguerite Riemann, 1917. B.S.A., Univ. Mo., 1913; M.A., 1914;

Ph.D., Cornell Univ., 1916. Sigma Xi; Gamma Alpha.

Heinzelman, Frederick Emil, co. club leader, 112 Court House, Syracuse, N. Y.

Served in World War, 1918. —*b.* Warwick, N. Y., July 31, 1894; *s.* Conrad and Agnes H.; reared in village; *m.* Charlotte Ruth Richards, Apr. 6, 1918. B.S., Cornell Univ., 1922. Phi Delta Kappa.

Helli, Waino John, co. agrl. agt., Hurley, Wis.

Manag., Highland dairy and poultry farm, Ironwood, Mich., 1923-5; agrl. agt. Iron Co., Wis., 1925-. —*b.* Ironwood, Mich., Oct. 20, 1899; *s.* John G. and Maria S. (Luoma) H.; reared in city and on farm; *m.* Ellen Frederickson, May 19, 1924. B.S., Mich. Agr. Coll., 1923.

Helm, Charles Alton, assoc. prof. farm crops, Univ. Mo., Columbia, Mo.

b. Sheldon, Mo., Feb. 4, 1889; *s.* C. B. and Elizabeth (Sullins) H.; reared on farm; *m.* Nellie M. McGehee, June 3, 1914. B.S., Univ. Mo., 1913; M.A., Univ. Neb., 1916. Sigma Xi; Alpha Zeta.

Helm, Ralph Linton, co. agrl. agt., Ionia, Mich.

Manag. Blue Valley Farms, Roff, Okla., 1912-5; farmer, St. Joseph Co., Mich., 1915-8; breeder Shorthorn cattle and Poland-China hogs, Mich., 1919; co. agrl. agt., Golden Valley Co., N. D., 1918-9; acting co. agt., Pocahontas Co., Ia., 1919; present position, 1923-. —*b.* Sibley, Ill., July 10, 1888; *s.* Edgar L. and Emma (Frances) H.; reared in city. B.S., Ia. State Coll., 1912. Phi Sigma Kappa.

Helser, Maurice D., prof. an. husb. and chief meat invests., Ia. State Coll., Ames, Ia.

Teach. grade sch., Thornville, O., 1909-10; State Agrl. Sch., Jonesboro, Ark., 1914-5; teaching scholarship, Ia. State Coll., 1915-6; instr., Ia. State Coll., 1916-7; asst. prof., 1918-9; assoc. prof., 1919-21; prof., 1921-. —*b.* Thornville, O., Mar. 29, 1890; *s.* David M. and Emma S. (Zartman) H.; reared on farm; *m.* Elizabeth Stevens, Aug. 20, 1914; *c.* Carolyn Jane, Margaret Elizabeth. B.S.A., Ohio State Univ., 1914; M.Sc., Ia. State Coll., 1916. Alpha Zeta; Alpha Gamma Rho; Phi Kappa Phi; Gamma Sigma Delta.

Helt, Richard Earl, co. agrl. ext. agt., Zanesville, O.

Teach. voc. agr., Malta-McConnelsville High-Sch., 1920-1; agrl. agt. Morgan Co., 1921-3. Mem. bd. dirs. O. Ext. Agts. Assoc. Asst. mem. Nat. Geog. Soc. Exped. to Valley of Ten Thousand Smokes, Alaska, 1919. —*b.* Harrison, O., Oct. 10, 1893; *s.* Chas. and Lora (Frowine) H.; reared on farm. B.S.A., Ohio State Univ., 1920.

Helyar, Frank G., dir. short-courses and prof. an. husb., Rutgers Univ., and an. husb. N. J. Exp. Sta., New Brunswick, N. J.

In dept. feeds and feeding, Mass. Exp. Sta., 1905-6; dir. dept. agr., Mt. Hermon Boys Sch., Mass., 1906-10; dir. N. Y. State Sch. Agr., Morrisville, 1910-7; dir. short-courses, Rutgers Coll., 1917-; prof. an. husb., 1919-; assoc. in station adminis., N. J. Exp. Sta., 1917-9; an. husb., 1919-; acting dir. and dean, June-Oct., 1919. Vice-pres. 6th Judicial Distr. N. Y. State Agrl. Soc. —*b.* Boston, Mass., Feb. 6, 1883; *s.* Jas. P. and Ada M. (Gould) H.; reared on farm and in village; *m.* Irma M. Hatcher, Apr. 25, 1908; *c.* Elizabeth Ada, James Edwin. B.S., Univ. Vt., 1905. Alpha Zeta.

Helyar, John Putnam, co. agrl. agt., Brattleboro, Vt.

Instr., Univ. Vt., 1909-12; instr. to assoc. prof. bot., Rutgers Coll., 1912-20; state seed analyst, N. J. Agr. Exp. Sta., 1912-20; consulting state seed analyst, 1920-1. —*b.* Claremont, N. H., May 3, 1886; *s.* Jas. Putnam and Ada (Gould) H.; reared in town and on farm; *m.* Daisie L. Miller, 1912; *c.* John, Margery, Marshall, Ruth. B.S., Univ. Vt., 1909; M.S., 1912. Alpha Zeta.

Hembre, Julius Ole, co. agrl. agt., Baker, Mont.

Instr. agr., high-sch., Upper Burnt Fork, Mont., 1916; Victor, 1917;

Chinook, 1918; Ismay, 1919; Baker, 1920; agrl. agt. Fallon Co., 1921-. —*b.* Greenwood, Wis., Aug. 21, 1892; *s.* Iver J. and Olivia Ida (Peterson) H.; reared on farm; *m.* Cora Lanning, Aug. 21, 1918; *c.* Julian Conrad, Lloyd Evan, Corinne Dorothy. Grad. Univ. Wis., 1916.

Hemphill, Robert Grier, assoc. irrig. engin., U. S. Dept. Agr., 220 Federal Bldg., San Antonio, Tex.

With U. S. Dept. Agr., 1906-; invest. duty of water, reservoir efficiency, seepage losses, return flow, silt, etc., Colo. and Tex.; chg. coop. irrig. invests. for U. S. Dept. Agr. and Tex. Bd. Water Engin., 1920-. —*b.* Abbeville, S. C., Feb. 7, 1885; *s.* Robt. R. and Eugenia (Brewton) H.; reared in town; *m.* Jessie Culver, Aug. 3, 1910 (d. 1916). B.S., Coll. Charleston, 1903; Student Clemson Agr. Coll., 1904-5. Phi Kappa Sigma.

Hemstreet, Carl Harvey, co. agrl. agt., Shelby, Mich.

b. Bellaire, Mich., Oct. 3, 1900; *s.* Frank H. and Alnora (Doud) H.; reared on farm. B.S.A., Mich. Agr. Coll., 1923.

Henceroth, John William, co. agrl. agt., Ottawa, O.

Formerly western ed. manag. of Soil Improvement Com., Chicago, Ill.; farm manag., Polk Farming Co., Mound City, Ill.; agrl. adv., Sears and Nichols Canning Co., Chillicothe, O. —*b.* Limestone, W. Va., Dec. 12, 1884; *s.* Jacob and Josephine (Black) H.; reared on farm; *m.* Laura Leota Gieseler, Sept. 16, 1914; *c.* Stanley Gieseler, Wm. Dayton. B.S.A., Ohio State Univ., 1914.

Henderson, Arthur P., co. agrl. agt., Stillwater, Minn.

Farmer, Ill., 1879-1900; Minn., 1900-12; agt. Bottineau Co., N. D., 1914-8; Pope Co., Minn., 1918-23; Washington Co., 1923-. —*b.* Salem, Mass., Aug. 17, 1860; *s.* John H. B. and Jeanette H. (Weaver) H.; reared in city; *m.* Maria L. Gill, Oct. 4, 1883; *c.* Nellie F., Edwin J., Mabel J., Fannie H., Emma G., Jeanette H.

Henderson, Bertha, asst. econ. analyst, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. geography, Whitewater Normal Wis., 1908-13; Univ. Chicago, 1913-6; Normal Sch., Arcata, Calif., 1916-7. —*b.* Galion, O., Aug. 19, 1878; *d.* John and Mary A. (Powell) H.; reared on farm. B.S., Univ. Chicago, 1910; M.A., Columbia Univ., 1918.

Henderson, Earl Wilton, asst. prof. poultry husb., Univ. Mo., Columbia, Mo.

Instr. poultry husb., Univ. Mo., 1921-2; asst. prof., 1922-. 1st Lieut. Field Art., A. E. F., 1917-9. —*b.* Clinton Co., Ill., May 29, 1894; *s.* Justin M. and Emma (Wilton) H.; reared on farm and in city; *m.* Esther Louise Logan, Feb. 2, 1918. B.S.A., Univ. Mo., 1921; A.M., 1924. Gamma Alpha; Gamma Sigma Delta.

Henderson, Harry Oram, assoc. prof. dairy husb., W. Va. Univ., Morgantown, W. Va.

Agrl. agt. Crawford Co., Pa., 1916-9; dairy ext. specialist, W. Va. Univ., 1919-20; asst. prof. dairy husb., 1920-4; assoc. prof., 1924-. —*b.* Indiana Co., Pa., Nov. 5, 1889; *s.* Joseph H. and Jennie (Telford) H.; reared on farm; *m.* Marian Saltsman, May 29, 1918; *c.* Robt. Eugene. B.S., Penn. State Coll., 1915; M.S., 1916; grad. student Univ. Minn., 1924-5. Alpha Gamma Rho; Phi Kappa Phi.

Henderson, John Wagner, farmer, Londonderry Farm, Germantown, Md.

b. Germantown, Md., Oct. 16, 1887; *s.* Joseph and Lydia B. (Wagner) H.; reared on farm; *m.* Lavinia G. Dawson, Sept. 2, 1914; *c.* Joseph. Student Univ. Va. and Geo. Washington Univ.

Henderson, Mary Stuart, home dem. agt., Lebanon, Tenn.

Teach. Latin and grades, high-sch., London, Tenn., 1915-7; teach. home econ., high-sch., Warrensburg, 1917-9; Carter High-Sch., Knoxville, 1919-21; home dem. agt. Wilson Co., 1921-. —*b.* Limestone, Tenn., Jan. 1, 1898; *d.* John F. and Mary (Keys) H.; reared on farm and in town. Grad. Tenn. State Normal Sch., 1918.

Henderson, Walter C., asst. chief, Bur. Biol. Survey, U. S. Dept. Agr., Washington, D. C.

Admitted to Bar of U. S. Supreme Court, Nov. 1910. Asst. to solicitor, U. S. Dept. Agr., 1910-6. Special attention to laws relating to Dept. Agr. —*b.* Chelsea, Mass., July 6, 1876; *s.* Wm. C. and Margaret (Robertson) H.; reared in city; *m.* Margaret L. Orpin, Oct. 21, 1908; *c.* Fletcher Orpin. LL.B., Boston Univ. Sch. of Law, 1903. Epsilon Pi.

Henderson, William Williams, pres. Brigham Young Coll., Logan, Utah.

Prof. zool., Brigham Young Coll., 1905-10; princ. Weber Normal Coll., Ogden, 1910-4; prof. and head dept. ent. and ent. Exp. Sta., Utah Agr. Coll., 1917-20; present position, 1920-. Mem. Utah State Crops and Pests Comn. —*b.* Clarkston, Utah, May 23, 1879; *s.* Jas. and Mary (Williams) H.; reared on farm; *m.* Survina Wheeler, June 26, 1901; *c.* Wanda, Loas, Mary, Phebe, Willa, Weber, Afton, Rebecca, Winston. B.S., Brigham Young Coll., 1903; M.A., Cornell Univ., 1905; Ph.D., Univ. Calif., 1924. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Hendren, Andrew Grant, co. agrl. agt., Straw, N. C.

Agrl. agt. Wilkes Co., 1912-; pres. Wilkes Co. Farmers Union, 1910-. —*b.* Wilkes Co., N. C., Dec. 5, 1868; *s.* Jesse and Rebecca Emily (Parleir) H.; reared on farm; *m.* Eugenia Elizabeth Hellard; *c.* Effie, Luther, Naomie, Russel, Della, Freda, Ruby, Pearl, Bradford, Mable, Clyde.

Hendren, Mark Zell, teach. voc. agr. and princ. Huron Consolidated Sch., Oakville, Ia.

Live-stock farmer, Ridgeway, Mo., 1916-20; princ. high-sch., Ridgeway, 1922-3; present position, 1923-. (An. nutr.). —*b.* Ridgeway, Mo., July 14, 1894; *s.* Thos. C. and Elizabeth C. (Kelley) H.; reared on farm; *m.* Genevieve M. Burris, 1918. B.S., Ia. State Coll., 1922. Phi Kappa Phi; Gamma Sigma Delta.

Hendricks, George B., dir. Sch. of Commerce and Business Adminis., Utah Agr. Coll., Logan, Utah.

Asst. prof. econ., Brigham Young Coll., 1905-7; prof., 1908-9; asst. prof. econ., Utah Agr. Coll., 1909-15; prof. finance and banking, 1909-15; dir. Sch. of Commerce, 1917-. Lieut., U. S. Army, 1918-9. (Banking and rural credits). —*b.* Lewiston, Utah, Nov. 25, 1881; *s.* Brigham A. and Mary Rebecca (Stoddard) H.; reared on farm; *m.* Caroline A. McAlister, June 5, 1912; *c.* Geo. B. Jr., Harold Gordon. A.B., Brigham Young Coll., 1903; A.M., Harvard Univ., 1908.

Hendricks, John, honey producer, Honeyhill Farm, Powell, Wyo.

Dir. Wyo. State Bd. Agr.; dir. Wyo. State Beekeepers Assoc.; pres. Shoshone Farmers Mutual Fire Insurance Co.; pres. Bighorn Basin Beekeepers Assoc. Served in Spanish-Amer. War. —*b.* Posey Co., Ind., Nov. 27, 1874; *s.* August Frederick and Caroline (Stephans) H.; reared on farm; *m.* Cecilia B. Hennel, Dec. 30, 1913; *c.* Cecilia Barbara, Jules Ord, Anne Carolyn.

Hendrickson, Arthur Howard, asst. prof. pom., Univ. Calif., Berkeley, Calif.

Instr. pom., Univ. Calif., 1913-7; asst. prof. pom., 1917-; exchange prof. pom., Cornell Univ., 1918-9; in chg. Deciduous Fruit Sta., Univ. Calif., Mountain View, 1921-. (Pollination and pruning plums and prunes, orchard irrigation). —*b.* Grand Rapids, Mich., Feb. 2, 1890; *s.* Chas. E. and Martha S. (Christenson) H.; reared in city and country; *m.* Hazel Parker Smith, May 20, 1917; *c.* Arthur H. Jr., Florence Jean. B.S., Mich. Agr. Coll., 1913; M.S., Cornell Univ., 1921. Sigma Xi; Alpha Zeta.

Hendrix, David Brown, head agr. and sci. dept., Karns High-Sch., Byington, Tenn.

b. Byington, Tenn., Mar. 17, 1898; *s.* Joel B. and Willie H. (Brown) H.; reared on farm; *m.* Lida E. Rule, May 11, 1924. B.S.A., Univ. Tenn., 1921. Phi Delta Kappa.

Hendry, Elizabeth, home dem. agt., 47 Moody St., Waltham, Mass.

College dietitian, Hunter Coll., 2 yrs.; matron Hyannis Normal Sch., Mass., 1 summer; garden teach., Norfolk House Centre, Roxbury, 2 summers. —*b.* Boston, Mass.; *d.* Frank and Magdalene (Dahl) H.; reared in town. B.S., Columbia Univ.

Hendry, George Whiting, asst. prof. agron., Univ. Calif., Berkeley, Calif.

Present position, 1913-. (Cereals). —*b.* Indianapolis, Ind., Jan. 22, 1885; *s.* Frank Truman and Estelle (Whiting) H.; reared in city and country. B.S., Cornell Univ., 1913. Phi Kappa Psi; Alpha Zeta.

Henke, Louis A., prof. agr., Univ. Hawaii, Honolulu, H. I.

Dir. agr., Elbow Lake, Minn., 1912-6; present position, 1916-. Mem. agrl. com., Territorial Food Comn. of Hawaii; chm. live-stock sect., Hawaii Territorial Fair; chm. live-stock sect., Pan Pacific Food Conservation Conference, 1924. —*b.* Lowell, Wis., May 13, 1889; *s.* Wm. and Mathilde (Kamp) H.; reared on farm; *m.* Rachel E. Day, Aug. 23, 1924. B.S., Univ. Wis., 1912; M.S., 1923.

Henkel, Celeste, asst. co. supt. rural schs., Statesville, N. C.

Formerly home dem. agt., Statesville. —*b.* Newton, N. C., Sept. 15, 1885; *d.* L. P. H.; reared in town. A.B., Davenport Coll.; B.S., Salem Coll.

Henley, Robert Roy, assoc. biochem., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

b. Norfolk, Va., Mar. 6, 1886; *s.* Robt. C. and Laura H. (Kunkel) H.; reared in city; *m.* Nellie M. Creecy, Dec. 12, 1908; *c.* Robt. C., Doris Lee. B.S., Va. Poly. Inst., 1906; M.A., 1922. Phi Kappa Phi.

Henricksen, Henry Christian, specialist in farm manag., Agrl. Exp. Sta., San Juan, Porto Rico.

Sci. asst. in chg. subtropical garden, Miami, Fla., U. S. Dept. Agr., 1900-3; hort., Porto Rico Agrl. Exp. Sta., 1903-6; manag. agrl. office, German Kali Works, W. Indies, 1906-13; present position, 1916-. Sec. Cuban Nat. Hort. Soc., 1907-10; pres. Porto Rico Hort. Soc. Agrl. ed., Cuba Magazine, 1907-10. (Tropical agr.). —*b.* N. Bork, Denmark, Apr. 28, 1869 (naturalized 1897); *s.* Christian and Ingeborg (Nielsen) H.; reared on farm; *m.* Anna Fredericksen, 1896; *c.* Thor C., Odin F., L. Lawrence. B.Agr., Royal Agr. Coll., Copenhagen.

Henry, Bertha, home dem. agt., Crestview, Fla.

Formerly home dem. agt., Carrollton, Ala. —*b.* San Antonio, Tex., Mar. 4, 1885; *d.* Marius Carter and Lucy (Thompson) H.; reared in town.

Henry, Clarence, farmer, Hebron, O.

Farm manag., Hebron, O., 1909-10; instr. high-sch., Hinckley, Minn., 1910-1; instr. agr., State Normal Sch., Valley City, N. D., 1911-4; co. agrl. agt., Allen Co., Ind., 1914-6; asst. co. agt. leader, Ind., 1916-9; general live-stock farmer, Hebron, O., 1919-. Bd. dir. and exec. com., O. Farm Bur. Fed., 1920-; dir. Amer. Farm Bur. Fed., 1924; instr. O. Farmers' Inst., 1920-; special agt. Fed. Bd. for Voc. Educ., 1921. —*b.* Wesleyville, Pa., Mar. 10, 1885; *s.* G. S. and Sara A. (Ripley) H.; reared on farm; *m.* Nell R. Rosebraugh, Aug. 24, 1911; *c.* Robt. R. B.S., Penn. State Coll., 1909. Delta Tau Delta.

Henry, Clinton Brooks, minister, Worcester, N. Y.

Dir. Otsego Co. Improvement Assoc.; pres. Otsego Co. Sunday Sch. Assoc. (Rural community betterment). —*b.* White Haven Pa., May 26, 1864; *s.* Samuel M. and Mary C. (Brooks) H.; reared in town and on farm; *m.* Valara E. Edwards, May 29, 1895; *c.* Robt. M., Clinton E., Neal D. Ph.B., Taylor Univ., 1895; B.D., Drew Theol. Sem., 1896.

Henry, Martin Luther, invest. in marketing, Bur. Agrl. Econ., U. S. Dept. Agr., 102 Warren St., New York, N. Y.

Asst. hort., Univ. Mo., 1916-7. —*b.* Little Rock, Ark., June 17, 1885; *s.* Marion J. and Minerva (Francis) H.;

reared on farm. B.S.A., Univ. Mo., 1914; M.A., 1917; B.S. Educ., 1917. Sigma Phi Epsilon; Sigma Kappa Zeta.

Henry, William Arnon, agrst., 3688 Indiana St., San Diego, Calif.

Princ. New Haven, Ind., public schs., 1871-3; princ. Boulder, Colo., pub. schs., 1873-6; prof. bot. and agr., Univ. Wis., 1880-2; prof. agr., 1883-7; prof. agr. and dir. Exp. Sta., 1887; dean Coll. Agr. and dir. Exp. Sta., 1887-1907; emeritus prof. agr., 1907-. Agrl. del., Paris Expos., 1900. *Auth.*: Feeds and Feeding (18th ed., with Morrison). —*b.* Norwalk, O., June 16, 1850; *s.* Wm. and Martha Haines (Condict) H.; reared on farm; *m.* Clara Roxann Taylor, July 1881; *c.* Arnon Taylor. B.S.A., Cornell Univ., 1880; D.Agr., Univ. Ill., 1904; D.Sc., Univ. Vt., 1904, Mich. Agr. Coll., 1907.

Hensarling, Theron Andrew, teach. voc. agr., high-sch., Flomot, Tex.

Teach. voc. agr., high-sch., Millican, Tex., 1922-4; Flomot, 1924-. —*b.* Bryan, Tex., Feb. 19, 1900; *s.* Thos. A. and Moddie (Gandy) H.; reared on farm; *m.* Ima May Cook, Aug. 30, 1923. B.S., Tex. A. & M. Coll., 1922.

Hensel, Frederick William Jr., prof. hort., Tex. A. & M. Coll., College Station, Tex.

Asst. prof. hort., Tex. A. & M. Coll., 1913; assoc. prof., 1914-22; prof., 1922-. Farm operator, 3 yrs. —*b.* San Antonio, Tex., July 10, 1884; *s.* F. W. and Augusta (Stein) H.; reared in city; *m.* Ara Lee Jones, Sept. 1, 1915; *c.* F. W. III. B.S., Tex. A. & M. Coll., 1907; M.S., Cornell Univ., 1915. Alpha Zeta.

Hensley, Glenn Shaner, co. agrl. agt., Bethany, Mo.

Teach. rural schs., 2 yrs. —*b.* Jackson, Mo., Dec. 21, 1892; *s.* S. D. and Mollie T. (Shaner) H.; reared on farm; *m.* Mamie Dale Holt, June 9, 1918; *c.* Glenn S. Jr. B.S.A., Univ. Mo., 1917. Alpha Gamma Rho.

Hensley, Harry C., ext. specialist agrl. econ., Univ. Mo., Columbia, Mo.

Student asst. farm crops, Univ. Mo., 1915-6; instr. agr., city schs., Madison, S. D., 1916-7; co. agrl. agt., New Madrid, Mo., 1918-21; state ext. agt., Univ. Mo., 1921-3; ext. specialist agrl. econ., 1923-. Sec.-treas. Mo. Co. Agts. Assoc., 1919, vice-pres., 1920. (Agron.). —*b.* Jackson, Mo., Nov. 5, 1889; *s.* S. D. and Martha (Shaner) H.; reared on farm. B.S.A., Univ. Mo., 1916. Alpha Gamma Rho; Gamma Sigma Delta.

Henson, Edwin Ray, asst. prof. farm crops, Ia. State Coll., Ames, Ia.

Agrl. agt. Pott Co., Okla., 1920-1; instr., Ia. State Coll., 1922-3; asst. prof., 1923-. Lieut. Inf., U. S. Army, 1917-9. —*b.* Tongonoxie, Kans., Mar. 9, 1896; *s.* Albert G. and Effie C. (Barnes) H.; reared on farm; *m.* Helen N. Hoskinson, Jan. 24, 1918; *c.* Edwin R. Jr., Albert G. B.S., Okla. A. & M. Coll., 1920; M.S., Ia. State Coll., 1922. Phi Kappa Phi; Gamma Sigma Delta.

Hepburn, William Murray, librarian, Purdue Univ., LaFayette, Ind.

Asst. reference librarian, The John Crerar Library, Chicago, 1903-4; camp librarian, Camp Humphreys, Va., 1918; state dir., Amer. Library Assoc. for United War Work Campaign. —*b.* Pictou, N. S., July 30, 1874; *s.* Geo. and Annie McGregor (Brown) H.; reared in town; *m.* Harriett Roy, Aug. 25, 1904; *c.* Margaret Roy. B.A., Dalhousie Univ., 1895; M.A., 1898; B.L.S., N. Y. State Library Sch., Albany, 1903.

Hepler, Jesse Raymond, asst. prof. hort., Univ. N. H., Durham, N. H.

Instr. hort., Univ. Wis., 1911-7; present position, 1917-. 2d Lieut., Q. M. C., U. S. Army. (Olericulture, lands. gard.). —*b.* Pitman, Pa., Aug. 25, 1886; *s.* Jesse and Louisa (Klock) H.; reared on farm; *m.* Rebecca O. Peterson, Sept. 12, 1916; *c.* Helen Louise, Jessie Rebecca, Ralph Allen. B.S., Penn. State Coll., 1911; M.S., Univ. Wis., 1922. Phi Kappa Phi.

Hepler, John Verne, co. agrl. agt., Washington, Kans.

Teach. agr., high-sch., Iola, Kans., 1915-7; co. agrl. agt., Dodge City, 1917-20; asst. co. agt. leader, N. Mex. A. & M. Coll., 1920-1; present position, 1921-. —*b.* Manhattan, Kans., 1892; *s.* Wm. H. and Roxanna (Flick) H.; reared on farm; *m.* Opal Wishard, Aug. 2, 1920. B.S., Kans. State Agr. Coll., 1915. Pi Kappa Alpha; Gamma Sigma Delta.

Herbert, Frank Barnes, asst. ent., Balfour, Guthrie & Co., Los Gatos, Calif.

Ent. ranger, U. S. Dept. Agr., 1914-6; sci. asst., 1916-20; present position, 1920-. (Insecticides). —*b.* San Jose, Calif., Jan. 29, 1890; *s.* John B. and Ellen (Olmsted) H.; reared on farm; *m.* Georgia Bennett, 1916; *c.* Paul Bennett, Patricia Bennett. B.S., Univ. Calif., 1914; M.A., Leland Stanford Univ., 1919.

Herbert, Paul Anthony, asst. prof. for. and res. asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Asst. instr., Cornell Univ., 1921-2; present position, 1922-. —*b.* Brooklyn, N. Y., Aug. 21, 1899; *s.* Geo. Paul and Anna (Westner) H.; reared on farm; *m.* Grace Elizabeth Smith, Aug. 3, 1923. B.S., Cornell Univ., 1921; M.F., 1922. Xi Sigma Pi.

Herbrandson, Harry Oscar, agrl. statistician, U. S. Dept. Agr., Grand Forks, N. D.

Teach. agr., high-sch., Nashawauk, Minn., 1914. —*b.* Caledonia, N. D., May 29, 1887; *s.* Peter and Carrie (Nelson) H.; reared in village and on farm; *m.* Alice Ursula Smith, Oct. 17, 1917; *c.* Harriet, Fred, David Stephen. B.S., N. D. Agr. Coll., 1913.

Herminghaus, Ernst, lands. arch., Woods Bros. Co., Lincoln, Neb.

Instr., Univ. Neb., 1909-13; nursery manag. Woods Bros., 5 yrs. Served in Camp Planning Div., World War. (Planning farmsteads). —*b.* Lincoln, Neb., Dec. 31, 1890; *s.* Richard and Helen (Schultz) H.; reared in city. B.S.A., Univ. Neb., 1913; M.L.A., Harvard Univ., 1915. Alpha Zeta.

Herms, William Brodbeck, prof. parasitology, Coll. Agr., Univ. Calif., Berkeley, Calif.

Princ. Sch. of Commerce, Baldwin Wallace Coll., 1902-5; teach. fellow in zool., Ohio State Univ., 1905-6; acting head dept. zool., Ohio Wesleyan Univ., 1906-7; invest., U. S. Fish Com. Lab., Woods Hole, summer, 1907; Edward Austin fellow in zool., Harvard Univ., 1907-8; instr. expl. zool., Ohio State Univ. summers 1908-9; asst. prof. ent., Univ. Calif., 1908-12; asst. prof. applied parasitology, 1912-3; asst. prof. parasitology, 1913-5; assoc. prof., 1915-20. Fellow A. A. A. S. Mem. O. Acad. Sci., Calif. Acad. Sci. Mem. Nat. Malaria Comn.; in chg. malaria mosquito survey of Calif.; consulting ent., Calif. State Bd. Health. Del. from Calif. to Intern. Hygiene Exhibit, Dresden, Germany. Major Sanitary Corps, U. S. Army, 1918-9; Lieut.-Col., O. R. C. *Auth.*: Laboratory Guide to the study of Parasitology, 1913; Malaria,—Cause and Control, 1913; Text-book in Medical and Veterinary Entomology, 1915, 2d ed., 1923. Editorial bd., Journal of Parasitology. —*b.* Portsmouth, O., Sept. 22, 1876; *s.* Herman and Rosa Emma (Brodbeck) H.; reared on farm and in town; *m.* Lillie C. Magly, June 14, 1902; *c.* Wm. Magly, Herbert Parker, Geo. Walter. B.S., Baldwin Wallace Coll., 1902; M.A., Ohio State Univ., 1906. Sigma Xi; Alpha Zeta; Phi Sigma; Alpha Kappa Lambda.

Herrick, Claire Elizabeth, home dem. agt., Warren, Me.

Teach. home econ. and manag. lunch room, Beacon Sch., Brookline, Mass., 1921-2; home dem. agt. Knox and Lincoln cos., Me., 1922-. —*b.* Haworth, N. J., Aug. 28, 1899; *d.* Wilbur Fisk and Elizabeth (McQuillen) H.; reared in town. B.S., Simmons Coll., 1921.

Herrick, Glenn Washington, prof. econ. ent. and ent. Exp. Sta., Cornell Univ., Ithaca, N. Y.

Prof. biol., Miss. A. & M. Coll., 1897-1908; prof. ent., Tex. A. & M. Coll., 1908-9; present position, 1909-. Fellow Ent. Soc. Amer.; pres. Amer. Assoc. Econ. Ent., 1915. *Auth.*: Text-Book in General Zoology, 1907; Laboratory Exercises in General Zoology, 1907; Insects Injurious to The Household, 1914; Insects of Economic Importance, 1915.

(Diaspinae, family Coccidae). —*b.* Otto, N. Y., Jan. 5, 1870; *s.* Stephen M. and Marium (Botsford) H.; reared on farm; *m.* Nannie Young Burke, Aug. 17, 1898; *c.* Marvin T., Stephen M., Anna B. B.S.A., Cornell Univ., 1896; grad. work Harvard Univ. Sigma Xi; Alpha Gamma Rho.

Herrick, Robert S., sec. Ia. State Hort. Soc., State House, Des Moines, Ia.

Field hort., Colo. Agr. Coll., 1909-12; ext. prof. pom., Ia. State Coll., 1912-20; present position, 1920-. —*b.* Littleton, Colo., Jan. 22, 1882; *s.* Robt. D. and Nancy (Hart) H.; reared on farm; *m.* Laura Pease, Dec. 18, 1913. B.S., Colo. Agr. Coll., 1908; M.A., Ia. State Coll., 1921. Gamma Sigma Delta.

Herring, Elizabeth Butler, sec. rural com. dept., Nat. Bd. Y. W. C. A., 600 Lexington Ave., New York, N. Y.

b. Winterset, Ia., Oct. 2, 1892; *d.* Hubert C. and Mary (Woodbridge) H.; reared in city. A.B., Vassar Coll., 1915.

Herring, James Pritchard, co. agrl. agt., Wilmington, N. C.

Teach. public schs., 14 yrs. Pres. Wilmington Teach. Assoc., 3 yrs.; pres. Fed. Farm Loan Assoc. —*b.* Burgard, N. C., July 11, 1865; *s.* Geo. A. and Margaret E. (Wells) H.; reared on farm; *m.* Eva May Hewlett, Dec. 25, 1894; *c.* Lena May, Alice Rea, Margaret, Jas. P. Jr., Myrtie, Glenn A. Student Wake Forest Coll., 1½ yrs.

Herrington, Garvin Leon, state club leader, Univ. Tenn., Knoxville, Tenn.

Co. agrl. agt., Trenton, Tenn., 1913; agrl. superv., Shelby Co. schs., Memphis, 1914; boys club agt., Univ. Fla., 1915-20; present position, 1920-. —*b.* Philadelphia, Miss., Nov. 17, 1887; *s.* Nichols Edmund and Mary Elizabeth (Lewis) H.; reared on farm; *m.* Margaret Adams, Oct. 8, 1917. B.S., Miss. A. & M. Coll., 1912.

Herron, Leonard Graves, farmer, Idabel, Okla.

Asst. hort., Okla. A. & M. Coll., 1913-6; specialist in hort., Miss. A. & M. Coll., 1916-8; agrl. agt. McCurtain Co., Okla., 1918-1920; farmer, 1920-. —*b.* St. Joseph, Mo., May 4, 1891; *s.* Joseph Crocker and Lydia (Graves) H.; reared on farm; *m.* May Herndon, June 7, 1915; *c.* Leonard G. Jr., Joseph Crocker, Lydia Rose, Quintus Herndon. B.S., Okla. A. & M. Coll., 1913.

Herron, Leonard Smith, ed. Nebraska Union Farmer, Omaha, Neb.

With the Nebraska Farmer, Lincoln, 1908-17; present position, 1917-. (Cooperation). —*b.* Morning Sun, Ia. Jan. 13, 1884; *s.* John Robt. and Eliza Campbell (Johnston) H.; reared on farm; *m.* Mabel Anna Beatty, Apr. 28, 1909; *c.* Ruth Marie. B.S.A., Ia. State Coll., 1908.

Hesler, Lex R., prof. bot., Univ. Tenn., Knoxville, Tenn.

Asst. bot., Wabash Coll., 1909-10; fellow plant path., Cornell Univ., 1910-2; instr., 1912-4; asst. prof., 1914-9; present position, 1919-. *Co-auth.*: Laboratory Outlines in Plant Pathology, 1916; auth. Manual of Fruit Diseases, 1917. —*b.* Veedersburg, Ind., Feb. 20, 1888; *s.* Clinton F. and Laura Iris (Youngblood) H.; reared on farm; *m.* Esther Lillian Collins, July 2, 1914. A.B., Wabash Coll., 1911; Ph.D., Cornell Univ., 1914. Sigma Xi; Kappa Sigma; Gamma Alpha; Alpha Zeta; Phi Kappa Phi.

Hess, Derl, co. superv. voc. agr., Sunbury, Pa.

Instr. agr., State Normal Sch., Millersville, Pa., 1914-5; superv. agr., Waterford Voc. Sch., 1915-9; superv. agr., high-sch., North East, 1919-20; present position, 1920-. Distr. dir. U. S. Boys Working Reserve, 1918. (Rural educ.). —*b.* Benton, Pa., May 17, 1884; *s.* Clarence Wellington and Mary Jane (Kile) H.; reared on farm; *m.* Alice M. Converse, Jan. 29, 1915; *c.* Jane Converse, Derl Jr. B.S., Penn State Coll., 1914. Alpha Zeta; Phi Kappa Phi.

Hess, Lester S., teach. voc. agr., high-sch., Moorestown, N. J.

Princ. high-sch., Capron, Ill., 1914-8; Chapin, 1921-4; present position, 1924-. Served in World War, 1917-9. —*b.* Waynesboro, Pa., Jan. 29, 1892; *s.* Ed-

ward F. and Frances H. (Wingart) H.; reared on farm; *m.* Elizabeth H. Taylor, Apr. 25, 1919; *c.* Wm. L. B.S., Univ. Ill. Phi Delta Kappa.

Hester, Clifton Eugene, agrst. and farmer, Gueydan, La.

Instr. agr., Southwestern La. Ind. Inst., 1913-4; an. path., La. Live Stock Sanitary Bd., 1914-5; asst. dir., N. La. Exp. Sta., Calhoun, 1916-8; rice farmer, Gueydan, 1918-. —*b.* Downsville, La., Jan. 30, 1891; *s.* Ord. J. and J. (Lee) H.; reared on farm; *m.* Marie M. Gueydan, Aug. 15, 1916; *c.* Mercedes Gueydan. B.S., La. State Univ., 1913. Lambda Chi Alpha.

Hetzel, Ralph Dorn, pres. Univ. N. H. Durham, N. H.

Instr. public speaking, Ore. Agr. Coll., 1908-9; asst. prof., 1910-1; prof., 1911-3; dir. ext., 1913-7; present position, 1917-. Chm. Ext. Sect., Amer. Assoc. Agrl. Colls. and Exp. Stas., 1915. —*b.* Merrill, Wis., Dec. 31, 1882; *s.* Henry C. and Sadie (Dorn) H.; reared in town; *m.* Estelle H. Heineman, Aug. 5, 1911; *c.* Ralph Jr., Helene, Roger, Harriet, Philip. A.B., Univ. Wis., 1906; LL.B., 1908; LL.D., Dartmouth Coll., 1918; LL.D., Univ. Me., 1924. Delta Upsilon; Phi Kappa Phi.

Heuser, Gustave Frederick, prof. poultry husb., Cornell Univ., Ithaca, N. Y.

Instr. poultry husb., Cornell Univ., 1916-8; asst. prof., 1918-22; prof., 1922-. —*b.* Buffalo, N. Y., July 6, 1893; *s.* Gustave and Louise (Tenjost) H.; reared in city; *m.* Mabel Catherine Bohall, Apr. 3, 1918; *c.* Gustave F. Jr., Elton Bohall. B.S., Cornell Univ., 1915; M.S.A., 1916; Ph.D., 1918. Sigma Xi.

Hewitt, Arthur Wentworth, clergyman, Plainfield, Vt.

Chaplain Vt. State Grange, 1920-. Mem. Vt. House of Rep., 1912-7; mem. Vt. State Bd. Educ., 1915-, chm., 1923-. Rep. Vt. at Nat. Soc. for Promotion of Ind. Educ., Indianapolis, 1917; Nat. Conference on Rural Educ., Washington, 1918. Lect. at summer schs. and theol. seminaries. Contributor to church magazines. Traveled in Mediterranean countries and Holy Land, 1924. *Auth.*: Harp of the North, 1916; Bubbles, 1920; Songs of the Sea, 1923. —*b.* W. Berlin, Vt., June 22, 1883; *s.* Arthur Lee and Florence Elnora (Eddy) H.; reared on farm; *m.* Nina Aletha Battles, Sept. 18, 1907. Grad. Montpelier Sem., 1904; D.D., Middlebury Coll., 1923.

Heyle, Essie Margaret, prof. in chg. home econ. ext., Univ. Mo., Columbia, Mo.

Teach. home econ., public schs., Kansas City, Mo., 1907-10; dir. home econ., Ill. Women's Coll., 1910-1; superv. home econ., public schs., Kansas City, Mo., 1911-7; present position, 1917-; instr. Washington Univ., summers 1915-6. —*b.* Ill., Jan. 16, 1886; *d.* Franklin Pierce and Adda (Collyer) H.; reared in city. Ph.B., Univ. Chicago, 1910.

Hibbard, Benjamin Horace, prof. agrl. econ., Univ. Wis., Madison, Wis.

Prof. econ., Ia. State Coll., 1902-12; expert special agt. on agr., U. S. Census, 1911; present position, 1912-. *Auth.*: History of Agriculture in Dane County, Wisconsin; Effect of the Great War Upon Agriculture; Marketing Agricultural Products; A History of the Public Land Policies. (Land tenancy, marketing). —*b.* Bremer Co., Ia., Jan. 9, 1870; *s.* Alfred A. and Elizabeth (Bazeley) H.; reared on farm; *m.* D. Jeannette Baker, 1902; *c.* Virginia. B.S., Ia. State Coll., 1898; Ph.D., Univ. Wis., 1902. Gamma Sigma Delta; Phi Kappa Phi.

Hibbard, Paul Llewellyn, asst. prof. plant nutr., Univ. Calif., Berkeley, Calif.

b. Port Huron, Mich., July 20, 1866; *s.* Chas. and Mary J. (Bryan) H.; reared on farm; *m.* Minnie Roselious, 1897; *c.* Violet. B.S., Univ. Neb., 1892.

Hibbs, Edwin Gerome, co. agrl. agt., Wellsburg, W. Va.

Instr. agr., State high-sch., Alberta Lea, Minn., 1914-5; dir. agr., 1915-7; formerly agt. Columbian Co., O. —*b.* Tuscarawas, O., Aug. 29, 1888; *s.* Wm. and Martha (Henderson) H.; reared on farm; *m.* Irma Stella Thompson; *c.* J. Wm. B.S., Mt. Union Coll., 1911; B.S.A., Ohio State Univ., 1914.

Hickman, Cuthbert Wright, prof. an. husb., Univ. Ida., Moscow, Ida.

Asst. an. husb., Penn. State Coll., 1913-4; instr., 1914; asst. prof., Univ. Ida., 1914-7; assoc. prof., 1917-8; prof., 1918-. —*b.* Slater, Mo., Jan. 22, 1888; *s.* C. H. and M. L. (Wright) H.; reared on farm; *m.* Teresa Keane, June 4, 1919. B.S.A., Univ. Mo., 1913. Gamma Sigma Delta.

Hicks, Elmer Bovell, instr. agr., high-sch., Loveland, Colo.

2d Lieut. Field Art., O. R. C., U. S. Army. (An. husb.). —*b.* Oskaloosa, Ia., Nov. 23, 1899; *s.* Abel B. and Flora A. (Stephenson) H.; reared on farm; *m.* Eleanor L. Armstrong, Aug. 24, 1922. B.S., Colo. Agr. Coll., 1922. Sigma Chi; Alpha Zeta.

Hicks, John Henry, stockman, Cuervo, N. Mex.

Manag. and sr. partner cattle firm Hicks and Duncan, Strawberry Valley, Ariz.; manag. and jr. partner cattle firm Brigham and Hicks, Tempe, Ariz., Colfax and Guadaloupe Cos., N. Mex.; sr. partner and manag. cattle firm Hicks and Jones, N. Mex., 1904-; manag. T. O. ranch, Mex., 1905-7. Mem. Cattle Sanitary Bd., N. Mex., 1912-7, 1919-; pres. 1st Nat. Bank, Santa Rosa, N. Mex., 1903-13. —*b.* Three Oaks, Mich., Apr. 9, 1856; *s.* Jonas L. and Araminta D. (York) H.; reared on farm; *m.* Katharine Adams, Jan. 1, 1906; *c.* Alice Long, Edna B., John Long. Student Kans. State Agr. Coll., 1 yr.

Higgins, Bascombe Britt, res. bot., Ga. Agr. Exp. Sta., Experiment, Ga.

Asst. bot., N. C. State Coll., 1909-10; asst. bot., Cornell Univ., 1910-3; present position, 1913-. 2d Lieut. Inf., U. S. Army, 1917-9. (Plant path., physiol.). —*b.* Higgins, N. C., Feb. 7, 1887; *s.* Thos. Gaston and Elizabeth Lovin (Sconce) H.; reared on farm. B.S., N. C. State Coll., 1909; M.S., 1910; Ph.D., Cornell Univ., 1913. Sigma Xi.

Higgins, James Edgar, prof. in chg. dept. agron. and hort., Coll. Agr., Univ. Philippines, Los Banos, P. I.

Superv. agr., Honolulu schs., 1898-1903; hort., Hawaii Exp. Sta., 1903-13, 1914-20; prof. hort., Univ. Porto Rico, 1913-4; present position, 1920-. (Trop. pom.). —*b.* Wolfville, N. S., June 14, 1873 (naturalized 1903); *s.* D. F. and Amelia (DeWolf) H.; reared on farm; *m.* Nellie T. Chipman, July 31, 1898; *c.* Ronald De Wolf. B.A., Acadia Univ., 1895; M.S.A., Cornell Univ., 1898.

Higgins, John Clifford, teach. voc. agr., high-sch., Milford, Neb.

Boys and girls club ext. work, Neb., 1921; co. agrl. agt., 1921-2; present position, 1922-. Owner Cornhusker Poultry Co. Served in Signal Corps, U. S. Army, World War. (Poultry). —*b.* Cambridge, Neb., Sept. 18, 1890; *s.* U. G. and Lura (Perdue) H.; reared on farm; *m.* Bess V. McDonald, Feb. 19, 1923. B.S., Univ. Neb., 1921.

Higgins, Leroy James, teach. agr., high-sch., Walpole, N. H.

b. Littleton, N. H., Feb. 12, 1901; *s.* Daniel C. and Edith A. (Lewis) H.; reared on farm; *m.* Sylvia Ruth Johnson, Aug. 16, 1924. B.S., Univ. N. H., 1923. Alpha Zeta; Phi Kappa Phi; Phi Mu Delta; Fi Gamma.

Higgins, Lyda Alexander, dairy husb. ext., Miss. A. & M. Coll., Agricultural College, Miss.

Dairy specialist, N. C. Dept. Agr., 1910-2; field agt. dairying, U. S. Dept. Agr., Brookhaven, Miss., 1912-5; dairy husb., U. S. Dept. Agr. and Miss. A. & M. Coll., 1915-20; leader dairy husb. ext., 1920-. Pres. Assoc. Nat. Dairy Workers, 1919-20; chm. ext. sect. Dairy Sci. Assoc., 1920-1; del. to World's Dairy Congress, 1923. —*b.* Higgins, N. C., Dec. 17, 1884; *s.* Thos. Gaston and Elizabeth (Sconce) H.; reared on farm; *m.* Maude A. Magee, May 11, 1913. B.S.A., N. C. State Coll., 1910.

Higgins, Winfield C., instr. voc. agr., high-sch., Wellington, Nev.

Sec.-treas. Wellington Farm Bur. Corporal U. S. Army, World War. —*b.* Salt Lake City, Utah, Jan. 10, 1895; *s.* Chas. C. and Blanche (Brelsford) H.; reared in town; *m.* Phoebe H. King, Dec. 15, 1919; *c.* Mary Janet, Nellie Blanche. Student Univ. Neb. Ore. Agr. Coll.

High, James Thomas, distr. agrl. ext. agt., Ala. Poly. Inst., Auburn, Ala.

Co. agrl. agt., Morgan Co., Ala., 1915-7; Madison Co. Miss., 1917-8; Lauderdale Co., Ala., 1919-21; present position, 1921-. Served in U. S. Marine Corps, World War. —*b.* Center, Ala., Oct. 24, 1889; *s.* W. R. and Mary Frances (Harwell) H.; reared on farm. B.S.A., Ala. Poly. Inst., 1915.

Hildwein, Herbert Lynn, co. agrl. agt., Kingman, Kans.

b. Hiawatha, Kans., Dec. 20, 1891; *s.* Chas. A. and Emma (Snyder) H.; reared on farm; *m.* Daisy Hensley, Feb. 2, 1918. B.S., Kans. State Agr. Coll., 1914.

Hill, Charles Edwin, supt. Waterville Branch Exp. Sta., Waterville, Wash.

Sci. asst., Off. Forage Crop Invests., U. S. Dept. Agr., 1915-8; present position, 1919-. (Agron., farm manag.). —*b.* W. Springfield, Mass., Feb. 7, 1889; *s.* Geo. A. and Josephine L. (Hazeltine) H.; reared in city; *m.* Edythe Brunquist, 1916; *c.* Virginia, Marjorie. B.S., Ore. Agr. Coll., 1914. Gamma Sigma Delta.

Hill, Charles L., farmer and breeder Guernsey cattle, Rosendale, Wis.

Pres. Amer. Guernsey Cattle Club, 1912-4; sec. Western Guernsey Breeders Assoc., 1911-8; pres. Wis. State Bd. Agr.; mem. State Bd. Educ. Visited Isl. of Guernsey 7 times. *Auth.*: The Guernsey Breed, 1917. —*b.* Rosendale, Wis., Sept. 5, 1869; *s.* Geo. C. and Georgianna (Brainard) H.; reared on farm; *m.* Mina V. O'Neil, Nov. 11, 1891; *c.* Anna Louise, Geo. O'Neil, Margaret Muriel, Jessie May, John Dudley, Miriam Althea. Student Univ. Wis., short-course, 1887.

Hill, Elsie Marie, teach. voc. agr. and vice-princ. high-sch., Flintstone, Md.

b. Marlinton, W. Va., Feb. 22, 1897; *d.* Albert and Lottie (Simmons) H.; reared on farm and in town. Grad. State Normal, 1917.

Hill, George Richard Jr., dir. dept. agrl. res., Amer. Smelting and Refining Co., Salt Lake City, Utah.

Asst. plant physiologist, Cornell Univ., 1910-1; instr., 1911-2; res. asst., Mo. Bot. Gard., 1912-3; prof. bot., Utah Agr. Coll., 1913-25; dean Sch. Agr., 1916-25; present position, 1925-. —*b.* Ogden, Utah, Apr. 10, 1884; *s.* Geo. Richard and Elizabeth Nancy (Burch) H.; reared on farm; *m.* Lizzie Odette McKay, Apr. 10, 1914; *c.* 3. B.S., Brigham Young Univ., 1907; B.S.A., Utah Agr. Coll., 1908; Ph.D., Cornell Univ., 1912. Sigma Xi; Gamma Alpha; Gamma Sigma Delta; Phi Kappa Phi.

Hill, Herbert Staples, prof. and state superv. agrl. educ., Univ. Me., Orono, Me.

Princ. high-sch., Cornish, Me., 1905-7; Yarmouth, 1907-9; Wells, 1911-4; Foxcroft Acad., 1914-8. —*b.* Saco, Me., July 24, 1883; *s.* Friedland H. and Louise Marcia (Emery) H.; reared on farm; *m.* Clara M. Hendrickson, July 25, 1910; *c.* Louise Marcia, Robt. Arthur, Eleanor Margaret. B.A., Bowdoin Coll., 1905. Phi Beta Kappa; Phi Kappa Phi; Alpha Zeta.

Hill, Isaac William, field agt., S. States Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Princ. high-sch., 1884-93; prof. English and Latin, Spring Lake Coll., 1893-6; pres., 1895-6; supt. city schs., 1896-1903; state supt. educ. for Ala., 1903-7. Mem. State Text-book Comn. for Ala., 1903. *Auth.*: (with McBain) How We are Governed in Alabama and the Nation in 1910. —*b.* Auburn, Ala., July 25, 1861; *s.* Isaac and Harriet E. (Holt) H.; reared on farm; *m.* Laura T. Jones, June 18, 1890; *c.* Julia, Geraldine, Isaac Wm. Jr. A.B., Emory Coll., Oxford, Ga., 1880; A.M., 1883; LL.D., Univ. Ala., 1906. Phi Delta Theta.

Hill, James Bland, co. agrl. agt., Vermillion, S. D.

Stockman, Burlington Jct., Mo., 1916; herdsman, Baldwin Farms, Ellendale, N. D., 1917-8; asst. cattle supt., 1918-20; fieldman, Dakota Farmer, 1920-1; agrl. agt. Webster Co., Mo., 1921-2; agrl. agt. Clay Co., S. D., 1922-. (An. husb.). —*b.* Paris, Mo., Dec. 9, 1895; *s.* Jas. H. and Mary Ella (Waller) H.; reared on farm. B.S.A., Univ. Mo., 1916.

Hill, James Edward, state superv. agrl. educ., State House, Springfield, Ill.

Teach. agr., Hall Township High-sch., 1916-9; asst. state superv. agrl. educ., Ill., 1919-22; assoc. in agrl. educ., Univ. Ill., 1922-4; present position, 1924-. 1st Lieut. U. S. Army, World War. —*b.* near Lerna, Ill., Apr. 4, 1893; *s.* Robt. C. and Anna (Jones) H.; reared on farm and in village. Grad. E. Ill. Normal Sch., 1913; B.S., Univ. Ill., 1916; M.S., 1924. Chi Psi; Phi Delta Kappa; Alpha Tau Alpha.

Hill, John Arthur, dean Coll. Agr. and dir. Exp. Sta., Univ. Wyo., Laramie, Wyo.

Wool specialist, Wyo. Agr. Exp. Sta., 1907-; prof. textile ind., Univ. Wyo., 1912-22; dean Coll. Agr., 1923-. Mem. Wyo. State Bd. Agr. Capt. Inf., U. S. Army, 1917-8; Major O. R. C. —*b.* Carrollton, O., June 10, 1880; *s.* Jas. Ross and Mary (Marshall) H.; reared on farm; *m.* Evelyn Corthell, June 30, 1911; *c.* Robt. Morris, John Marshall, Ross Corthell, Nellis Eugene, Evelyn. B.S.A., Univ. Wyo., 1907. Phi Kappa Phi.

Hill, Reuben Lorenzo, prof. and head dept. chem., Utah Agr. Coll., Logan, Utah.

Instr. biol. chem., Cornell Univ., 1915-6; biochem., U. S. Bur. Chem., 1916; biochem., Md. Agr. Exp. Sta., 1916-8; prof. chem., Utah Agr. Coll. and in chg. human nutr. invests., Exp. Sta., 1919-. 1st Lieut. Sanitary Corps, U. S. Army, 1918-9. —*b.* Ogden, Utah, Mar. 24, 1888; *s.* Geo. R. and Elizabeth Nancy (Burch) H.; reared on farm; *m.* Mary Theresa Snow, Oct. 30, 1911; *c.* Reuben L. Jr., Cornella, Richard Snow, Therese Marie, Wesley Sherwin. B.S., Utah Agr. Coll., 1912; Ph.D., Cornell Univ., 1915. Sigma Xi.

Hill, Russell Joseph, dir. voc. agr., high-sch., Greeley, Colo.

Farmer, 1918-9; present position, 1920-; manag. commercial hatchery, 1923-. Pres. Weld Co. Poultry Assoc.; Greeley Teach. Club; vice-pres. State Fed. Co. Poultry Assoc., State Assoc. Voc. Agrl. Teach. Served in U. S. Army, 1917-8. (Poultry). —*b.* New Sharon, Ia., Jan. 5, 1894; *s.* Borden S. and Jennie S. (Grace) H.; reared on farm; *m.* Mabel Jane Wright, Aug. 22, 1918; *c.* Helen Lucille. B.S., Ia. State Coll., 1917.

Hill, William, lect. on agrl. econ., Bethany, W. Va.

From tutor to assoc. prof., Univ. Chicago, 1893-1912; dir. Agrl. Guild; organizing dir., Agrl. Dept., Bethany Coll., W. Va. Organized agrl. dept., Friends Bloomingdale Acad. Dir. Sand Hill Farm Life Sch., 1916-7. Dir. of organization of Fed. Food Adminis. for W. Va., 1917-. Farmer, breeder of Holstein and Guernsey cattle. Agrl. trips through Europe. —*b.* Bloomingdale Ind., May 31, 1865; *s.* Nathan Vestal and Eliza (Canada) H.; reared on farm. A.B., Kans. State Univ., 1890; A.B., Harvard Univ., 1891; A.M., 1892. Phi Beta Kappa.

Hill, William Free, farmer, Huntingdon, Pa.

Lect. Pa. State Grange, 1894-8; general agt., Pa. Dept. Agr.; Master Pa. State Grange, 1898-1908. Del. from U. S. Govt. to Intern. Inst. of Agr., Rome, Italy, 1905, 1908. Ed. and establisher, Penn'a Grange News, 1904-8 —*b.* Crawford Co., Pa., Mar. 4, 1867; *s.* Theodore Wallace and Rebecca (Free) H.; reared on farm; *m.* Millie Collins; 2d, Marie A. Hill; *c.* Lina Blanche, Ned Wallace, Donald M., Gerald Bruce.

Hill, William Henry, Dominion analyst, Food and Drugs Lab., Dept. Health, Vancouver, B. C.

Asst., Dominion Expl. Farm, Brandon, Man., summers 1913-5; asst. physics and chem., Ont. Agr. Coll., 1916; lect. sci. and math., Pickering Coll., Newmarket, 1916-7. Mem. bd. examiners, Assoc. Professional Engin. of B.C. —*b.* Templeton, England, Feb. 19, 1890; *s.* Geo. Maunder and Rhoda Louisa (Back) H.; reared on farm and in city; *m.* Bertha Beatrice Morency, Aug. 29, 1919; *c.* Robt. Wm., de Montmorency, Frederick Raymond Lorue. B.S.A., Toronto Univ., 1916.

Hill, William S., banker, farmer, Mitchell, S. D.

Pres. Security Nat. Bank, Alexandria, S. D., 1914-; pres. Hill Taylor Co., agrl. implements, Alexandria. Proprietor Hills Riverview Ranch. Mem. S. D. State Bd. Agr., 1906-, pres., 1912-; pres. S. D. Farm Bur.; mem. State Council Defense, 1917-9; comnr. U. S. Shipping Bd., 1924-; trustee Huron Coll. —*b.* Edgar Co., Ill., June 3, 1863; *s.* Joseph H. and Rebecca (Braden) H.; *m.* Ida Kellogg, Sept. 3, 1890 (d.); 2d Inez Kelso, Sept. 24, 1914; *c.* Joseph L., Wm. Braden, Emory Kellogg, Lawrence McKinley, Robt. David, Sherman Russell.

Hills, Frank Burrows, farmer, Bernardston, Mass.

Asst. prof. an. husb., Del. Coll., 1913-6; chg. publicity, Amer. Guernsey Cattle Club, 1916-9; asst. sec., 1919. Capt. U. S. Army, 1917-9; Major Inf. Reserve Corps, 1919-23; Lieut.-Col. Inf., 1923-. —*b.* Bernardston, Mass., Feb. 24, 1891; *s.* Chas. Russell and Mary L. (Wilder) H.; reared on farm. B.S., Mass. Agr. Coll., 1912; M.S., Ia. State Coll., 1913.

Hills, Joseph Lawrence, dean Coll. Agr. and dir. Exp. Sta., Univ. Vt., Burlington, Vt.

Asst. chem., Mass. Exp. Sta., 1882-3; asst. chem., N. J. Exp. Sta., 1884-5; chem. Phosphate Mining Co., Beaufort, S. C., 1885-8; chem., Vt. Exp. Sta., 1888-98; dir., 1893-; prof. agrl. chem., Univ. Vt., 1893-1906; prof. agron., 1906-; dean Coll. Agr., 1898-. Sec.-treas. Assoc. Land-Grant Colls. Fellow A. A. A. S. —*b.* Boston, Mass., Mar. 2, 1861; *s.* Thos. and Amelia Ellen (Drew) H.; reared in city; *m.* Kate Conover, Sept. 11, 1888; *c.* Thos. Lawrence, Bertha. B.S., Mass. Agr. Coll., 1881; Boston Univ., 1881; D.Sc., Rutgers Coll., 1904. Kappa Sigma; Alpha Zeta; Phi Kappa Phi.

Hillstrom, Ellen, assoc. prof. home econ., chm. applied arts dept., Univ. Wis., Madison, Wis.

b. Apollo, Pa., Apr. 4, 1883; *d.* John E. and Maria S. (Karling) H.; reared in city. B.S., Columbia Univ., 1919; M.A., 1924.

Hilton, James H., co. agrl. agt., Jefferson, Ia.

Manag. dairy farm, N. C. State Coll., 1916-7; ext. serv., 1919; instr. an. husb., Ia. State Coll., 1922. Private U. S. Army, 1918. —*b.* Hickory, N. C., Nov. 20, 1899; *s.* H. M. and Alice (Clampitt) H.; reared on farm; *m.* Lois Baker, Dec. 31, 1923. B.S.A., N. C. State Coll. Alpha Gamma Rho.

Hinds, Warren Elmer, ent. La. Exp. Sta. and ext. serv., La. State Univ., Baton Rouge, La.

Formerly prof. ent. and state ent., Ala. Poly. Inst.; present position, 1924-. Fellow A. A. A. S. First vice-pres. Amer. Assoc. Econ. Ent., 1917; pres. Assoc. Cotton States Ent., 1908-; mem. Centro de Scienceas, Letras e Artes, Brazil. Mem. La. Live-Stock Sanitary Bd. (Boll and corn weevil control). —*b.* Townsend, Mass., Sept. 20, 1876; *s.* Warren David and Mary Persis (Colby) H.; reared on farm; *m.* Edith G. Gray, Mar. 4, 1903. B.S., Mass. Agr. Coll., 1899; Ph.D., 1902. Alpha Sigma Phi; Phi Kappa Phi.

Hine, James S., assoc. prof. zool. and ent., Ohio State Univ., Columbus, O.

Mem. Katmai Exped. of Nat. Geog. Soc. to Alaska, summers 1917, 1919. —*b.* Wauseon, O., June 13, 1866; *s.* Joseph N. and Cordelia Jane (Boyers) H.; reared on farm; *m.* Abbie Parker, Sept. 2, 1896; *c.* Vernon P., Marvin B., Gaylord L., Dorothy A. B.S., Ohio State Univ., 1893. Sigma Xi.

Hinkle, Samuel Frank, farm ed. The Sandusky Register, Sandusky, O.

Teach. sci. and agr., high-sch., Cameron, W. Va., 1917; agrl. agt., Webster Co., W. Va., 1917-9; chg. voc. agr. teach.-training dept. branch of Ohio State Univ. at Worthington, 1920; manag. Cedar Mere Farms, O., 1920-1; present position, 1921-. *Auth.*: Fertility and Crop Production, 1925. —*b.* near Cameron, W. Va., Oct. 14, 1889; *s.* Wm. and Sarah E. (Giffen) H.; reared on farm; *m.* Nora Livingston, Aug. 30, 1917; *c.* Betty Jane, Dorothy Ellen. B.S., Muskingum Coll., 1914; B.S.A., Ohio State Univ., 1915; M.S.A., 1920. Tau Kappa Alpha.

Hinman, Robert Byron, asst. prof. an. husb., Cornell Univ., Ithaca, N. Y.

Sergeant Canadian Army, 1916-9. —*b.* Colborne, Ont., Sept. 16, 1888; *s.* Edgar Byron and Lucina (Battell) H.; reared on farm; *m.* Elsie Ferrand, Dec. 25, 1922. B.S.A., Ont. Agr. Coll.; M.S., Ia. State Coll., 1920. Alpha Gamma Rho; Gamma Sigma Delta; Phi Kappa Phi.

Hinote, Jane, asst. state club agt., Univ. Mo., Columbia, Mo.

Teach. home econ., high-sch., Campbell, Mo., 1915-7; distr. home dem. agt., 1917-8; asst. teach. home econ., Teachers Coll., Maryville, Mo., summers, 1915, 1917; home dem. agt., Jackson, Mo., 1918-21; Warrensburg, 1921-3; present position, 1923-. —*b.* Gentry Co., Mo.; *d.* J. W. and Jeanie Kyle (Gladstone) H.; reared on farm. Grad. State Teach. Coll., Maryville, Mo., 1917; student Columbia Univ., summer 1914.

Hislop, William, grower and dealer in range sheep, Spokane, Wash.

Instr. an. husb., Ohio State Univ., 1912-4; head dept. an. husb., Wash. State Coll., 1914-7. —*b.* Ratho, Scotland, June 11, 1889; *s.* Thos. and Georgina (Annand) H.; *m.* Elizabeth Coit Kelton, Aug. 18, 1915; *c.* Geo. Kelton. B.S., Edinburgh Univ., 1911; M.S., Kans. State Agr. Coll., 1912. Beta Theta Pi.

Hitchcock, Albert Spear, sr. bot. in chg. systematic agrostology, U. S. Dept. Agr., Washington, D. C.

Asst. chem., Ia. State Coll., 1885; instr. chem., Ia. State Univ., 1886-9; asst. bot., Mo. Bot. Gard., 1889-91; prof. bot., Kans. State Agr. Coll., 1892-1901; asst. agrostologist, U. S. Dept. Agr., 1901-5; systematic agrostologist, 1905-. Mem. Wash. Acad. Sci. Traveled in S. Amer., W. Indies, Europe and Orient. *Auth.*: Text-Book of Grasses, 1914; Manual of Farm Grasses, 1921. —*b.* Owosso, Mich., Sept. 4, 1865; reared in town; *m.* Rania Belle Dailey, Mar. 17, 1890; *c.* Horace Dailey, Frank Harold, Elizabeth Hortense, Helen Esther, Albert Edwin. B.S.A., Ia. State Coll., 1884; M.S., 1886; D.S., 1920. Phi Kappa Phi.

Hitchner, Elmer Reeve, assoc. prof. bact., Univ. Me., Orono, Me.

Instr., Penn. State Coll., 1916-7; N. Y. State Sch. Agr., Canton, 1917-8; res. chem., Dupont Chem. Co., 1919-21; instr., Univ. Del., 1921-2; present position, 1922-. (Dairy and water bact.). —*b.* Woodstown, N. J., Mar. 24, 1891; *s.* Wilbert B. and Hannah (Reeve) H.; reared in town. B.S., Penn. State Coll., 1915; M.S., 1916. Alpha Chi Sigma.

Hite, Bert Holmes, prof. agrl. chem. and chem. Exp. Sta., W. Va. Univ., Morgantown, W. Va.; Aug. 18, 1866—1921. See Rus 1920.

Hoagland, Dennis Robert, assoc. prof. plant nutr., Univ. Calif., Berkeley, Calif.

Instr., Univ. Calif., 1907-9; consulting expert, U. S. Dept. Agr., 1909-12; asst. prof., Univ. Calif., 1913-9; assoc. prof., 1919-. (Plant nutr., soil chem.). —*b.* Colo., Apr. 2, 1884; *s.* Chas. B. and Lillian (Burch) H.; reared in city; *m.* Jessie A. Smiley, May 1, 1920. A.B., Leland Stanford Univ., 1907; M.A., Univ. Wis., 1913. Phi Beta Kappa; Sigma Xi.

Hobson, Asher, American delegate, Intern. Inst. of Agr., Rome, Italy.

Res. asst. marketing, Univ. Wis., 1913-6; field agt. in marketing, Bur. Markets, U. S. Dept. Agr., 1914-9; dir. farm markets, State of Washington, 1917-9; asst. chief Off. Farm Manag., U. S. Dept. Agr., 1919-20; assoc. prof., econ. agr., Columbia Univ., 1920-2; present position, 1922-. (Agrl. econ.). —*b.* Quenemo, Kans., Nov. 26, 1889; *s.* Felix and Ida May (Harr) H.; reared on farm and in village; *m.* Thea Dahle, June 26, 1917. B.A., Univ. Kans., 1913; M.A., Univ. Wis., 1915. Delta Sigma Rho.

Hobson, Robert Taylor, co. agrl. agt., Bolivar, Tenn.

Farmer, Mounds, La., 1919-23; with Bur. Ent., U. S. Dept. Agr., 1919-20; chief insp., La. Div. Ent., 1921-3; agrl. agt. Hardeman Co., Tenn., 1924-. Served in U. S. Army, 1918. Traveled in Cent. Amer., 1923. (Cotton). —*b.* Somerville, Tenn., Aug. 8, 1897; *s.* Jack Duncan and Lois (Taylor) H.;

reared on farm; *m.* Margaret Stark, June 3, 1924. B.S., Miss. A. & M. Coll., 1919.

Hochbaum, Hans Weller, ext. agrst., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Teach. agr., State Teachers Coll., Greeley, Colo., 1906-12; State Normal Sch., Los Angeles, 1912-3; co. agrl. agt. Ada Co., Ida., 1913-4; co. agt. leader, Ida., 1914-8; present position, 1918-. —*b.* Chicago, Ill., July 20, 1881; *s.* John E. and Matilda (Weller) H.; reared on farm; *m.* Gertrude Stone Schenck, Mar. 15, 1910; *c.* Hans Albert, Mary Elizabeth, Gertrude Mathilda. B.S.A., Cornell Univ., 1905. Alpha Zeta.

Hockey, John Frederick, path. in chg. Lab. of Plant Path., Kentville, N. S.

Lieut. Royal Air Force, 1915-9. —*b.* Millgrove, Ont., Nov. 18, 1895; *s.* John Edwin and Celia Sophia (Allemand) H.; reared in town and on farm; *m.* Edith White, Feb., 1919; *c.* John Eric, Wm. Frederick. B.S.A., McGill Univ., 1921.

Hodder, Earl Henry, teach. agr., State Sch. Agr., Cobleskill, N. Y.

Formerly teach. agr., high-sch., Malone, N. Y. —*b.* Johnston, N. Y., Mar. 21, 1892; *s.* Fred and Rose (Ostler) H.; reared on farm; *m.* Cecelia Peterson, June 26, 1918. B.S., Cornell Univ., 1916.

Hodge, Grover Charley, co. agrl. agt., Tallahassee, Fla.

Agrl. agt. Wakulla Co., Fla., 1923-4; Leon Co., 1925-. Sec. State Live-Stock Breeders Assoc., 1919-22; sec. Wakulla Co. Fair Assoc., 1923-4; mem. State Live-Stock Sanitary Bd., 1923-4. (Hog cholera eradication). —*b.* Mayo, Fla., June 15, 1891; *s.* Edwin A. and Mattie E. (Brown) H.; reared on farm; *m.* Mabel Howland, Aug. 23, 1911; *c.* Hazel, Rachel, Billie. Grad. Fla. Normal Inst., 1909.

Hodgkiss, Harold Edward, prof. ent. ext., Penn. State Coll., State College, Pa.

Asst. ent., N. Y. Agr. Exp. Sta., 1904-7, 1908-19; field ent., Univ. Ill., 1907-8; present position, 1919-. —*b.* Cambridge, Mass., Apr. 8, 1879; *s.* Samuel and Margaret Elizabeth (Searles) H.; reared in city; *m.* Emma Louisa Knight, Nov. 29, 1905; *c.* Arthur Salisbury, Wm. Searles. B.Sc., Mass. Agr. Coll. and Boston Univ., 1902.

Hodgson, Albert Lee, co. agrl. agt., Muncie, Ind.

b. Mt. Vernon, S. D., May 28, 1890; *s.* R. M. and Mary E. (Knight) H.; reared on farm; *m.* Iris E. Robinson, Dec. 25, 1917. B.S., Univ. Wis., 1917.

Hodgson, Benjamin Earl, asst. ent., U. S. Dept. Agr., 10 Court St., Arlington, Mass.

b. Wichita, Kans., Apr. 25, 1888; *s.* John and Bertha (Groth) H.; reared in town; *m.* Elsie Pearson, 1920. B.S., Mass. Agr. Coll., 1919. Phi Kappa Phi; Kappa Epsilon.

Hodgson, Robert E., supt. S. E. Dem. Farm and Exp. Sta., University Farm, Waseca, Minn.

Instr. farm crops, Univ. Minn., 1915-8; co. agrl. agt., Marshall, Minn. (Agron., farm manag.). —*b.* Luverne, Minn., Oct. 26, 1893; *s.* Lewis C. and Leila (Ebersol) H.; reared on farm; *m.* Helen F. Angier, Apr. 16, 1918. B.S., Univ. Minn., 1916. Alpha Zeta.

Hodgson, Robert Willard, assoc. prof. subtrop. hort., Univ. Calif., Berkeley, Calif.

Asst. bot., Univ. Calif., 1915-7; instr. citriculture, 1917; asst. farm adv., Los Angeles Co., 1918-9; farm adv., 1919-24; present position, 1924-. —*b.* Dallas, Tex., Apr. 3, 1893; *s.* Mark and Olivia (Rice) H.; reared on farm; *m.* Margaret L. Williams, Aug. 25, 1914; *c.* Robt. W. Jr., Richard Warren. B.S., Univ. Calif., 1916; M.S., 1917. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Delta Kappa.

Hodson, Edgar Allan, asst. ext. marketing agt., Univ. Ark., Fayetteville, Ark.

Instr. agron., N. C. State Coll., 1912-6; asst. in food supply invests., U. S. Bur. Markets, 1917-9; asst. agron., Ark.

Exp. Sta., 1919-20; present position, 1920-. In Air Serv., U. S. Army, 1918-9. —*b.* Athens, Ala., Dec. 5, 1889; *s.* Lindsay and Mary Frances (Arps) H.; reared on farm. B.S., Ala. Poly. Inst., 1911; M.S., N. C. State Coll., 1914. Lambda Chi Alpha.

Hoekzema, James Peter, teach. agr., high-sch., Three Rivers, Mich.

b. Grand Rapids, Mich., May 11, 1900; *s.* Peter Jas. and Lena (Hudson) H.; reared in village; *m.* Marion Joye Fulkerson, Apr. 1, 1923; *c.* Jas. Kent. B.S., Mich. Agr. Coll., 1922. Alpha Zeta.

Hoffard, Harry Raymond, co. agrl. agt., Richmond, Ind.

Instr. an. husb., Purdue Univ., 1921-3; agrl. agt. Wayne Co., 1923-. Served in Field Art., U. S. Army, 1918-9. —*b.* Modoc, Ind., June 2, 1897; *s.* Wm. F. and Cora Alice (Hartup) H.; reared on farm; *m.* Charlotte Ann Loveday, Aug. 19, 1922. B.S.A., Purdue Univ., 1921; M.S.A., 1923. Alpha Zeta; Tau Kappa Alpha.

Hoffer, George Nissley, path. in corn root-and stalk-rot invests., U. S. Dept. Agr., and assoc. bot., Purdue Univ. Exp. Sta., W. LaFayette, Ind.

Assoc. prof., Purdue Univ., 1915-7. —*b.* Hummelstown, Pa., Nov. 20, 1887; *s.* Geo. P. and Clara (Nissley) H.; reared in town; *m.* G. Margaret Arnot, 1912; *c.* Wilbert Geo., Robt. Arnot, Geo. N. Jr. A.B., Lebanon Valley Coll., 1909; M.S., Purdue Univ., 1911; Sc.D., Lebanon Valley Coll., 1920. Sigma Xi.

Hoffman, Arthur C., head dept. agr., bot., zool., chem., Arsenal Tech. Schs., Indianapolis, Ind.

Teach. sci., high-sch., Little Falls, Minn., 1908-10; supt. schs., Royalton, 1910-2; instr., summer-sch., Bowling Green Normal Coll., summer, 1915; present position, 1915-. Mem. Ind. Acad. Sci. (Agron.). —*b.* Mendota, Ill., Dec. 18, 1882; *s.* Chas. and Anna (Schultz) H.; reared in town; *m.* Grace Harmony, Sept. 2, 1908; *c.* Ruth Alice. A.B., Lombard Coll., 1907; B.S.A., Univ. Ill., 1915. Alpha Zeta.

Hoffman, Arthur Henry, asst. prof. agrl. engin., Univ. Calif., Davis, Calif.

Instr. to assoc. prof. physics and electrical engin., Ia. State Coll., 1905-13; lect. agrl. engin., Rutgers Coll., 1914-6; asst. prof., N. Mex. A. & M. Coll., 1917-8; present position, 1919-. —*b.* Washington, Ia., Aug. 13, 1873; *s.* John H. and Mary L. (Knapheide) H.; reared in town; *m.* Florence J. Caldwell, July 22, 1914; *c.* Theodore C., Ralph W. A.B., Ia. Wesleyan Coll., 1897; A.M., 1905; B.S. in E.E., Ia. State Coll., 1905; B.S. in Agrl. Engin., 1914; E.E., 1910. Sigma Xi; Beta Theta Pi; Phi Kappa Phi; Gamma Sigma Delta.

Hoffman, Gertrude, asst. home dem. leader, Mont. State Coll., Bozeman, Mont.

Teach. home econ., high-sch., Mitchell, S.D., 1918-22; home dem. agt., 1922-3; present position, 1923-. —*b.* Mitchell, S. D., Dec. 19, 1888; *d.* Fred C. and Flora (Moore) H.; reared on farm. B.S., Univ. Minn., 1918.

Hoffman, Harry B., teach. voc. agr., Custer Co. High-Sch., Miles City, Mont.

Instr. sci. and agr., E. Mont. Regional Normal Sch., 1923; present position, 1924-. Corporal Field Art., U. S. Army, World War. —*b.* Vandalia, Ill., Sept. 18, 1895; *s.* Wm. A. and Cynthia (Andrews) H.; reared on farm. B.S., Univ. Ill., 1922. Alpha Kappa Lambda.

Hoffman, Leroy, asst. co. agt. leader, Purdue Univ., LaFayette, Ind.

Field asst., Bur. Plant Ind., U. S. Dept. Agr., 1918-9; agrl. agt. Jay Co., Ind., 1919-21; present position, 1921-. —*b.* Millersburg, Ind., Sept. 12, 1893; *s.* Jacob and Lydia (Miller) H.; reared on farm; *m.* Romayne Thompson, Apr. 29, 1919; *c.* Paul Gordon. B.S.A., Purdue Univ., 1918.

Hoffman, Milton Henry, co. agrl. agt., Davenport, Ia.

Ext. assoc. prof. agrl. engin., Ia. State Coll., 1914-6; prof., 1916-20; present position, 1920-. —*b.* Harper, Ia., May 30, 1882; *s.* John Henry and Mary L. (Knapheide) H.; reared in

town; *m.* Alta E. Mathews, 1907; *c.* Hubert Mathews, Virginia Mary, Milton H. Jr. M.Di., Ia. State Teach. Coll., 1906; B.S., Ia. State Coll., 1914. Gamma Sigma Delta.

Hoffman, Verne W., teach. voc. agr., high-sch., Galt, Calif.

Asst. pom., Univ. Calif., 1917; with U. S. Bur. Markets, Jan.-July, 1919; co. agrl. agt., 1919-20; ranching, 1920-; teach. agr., 1922-. 2d Lieut. Air Serv., U. S. Army, 1917-9. —*b.* Fontanet, Ind., Feb. 23, 1895; *s.* Frank M. and Ada Rachel (Webster) H.; reared on farm; *m.* Ethel Vera Jack, Apr. 5, 1919. B.S., Univ. Calif., 1917. Alpha Zeta.

Hogan, Albert Garland, prof. an. nutr. and chm. dept. agrl. chem., Univ. Mo., Columbia, Mo.

Asst. physiological chem., Yale Univ., 1913-4; asst. an. nutr., Kans. State Agr. Coll., 1914-7; asst. prof., 1917-9; prof. physiol. chem., Med. Sch., Univ. Ala., 1919-20; prof. an. nutr., Univ. Mo., 1920-; chm. dept. agrl. chem., 1923-. Lieut. Sanitary Corps, U. S. Army, 1917-8; Capt., 1919. —*b.* Maryville. Mo., Dec. 31, 1884; *s.* Wm. Carroll and Belle (Ford) H.; reared on farm. B.S., Univ. Mo., 1909; A.M., 1912; Ph.D., Yale Univ., 1914.

Hogue, Walter, dir. State Managers Assoc., Holdrege, Neb.

Breeder thoroughbred Poland-China hogs, Crete, Neb., 5 yrs.; raiser fancy poultry, Fairfield, 9 yrs.; manag. farmers elevators, 5 yrs.; present position, 1923-. Sec. Clay Co. Farm Bur. Sergeant Neb. Nat. Guards, 3 yrs.; 2d Lieut. Home Guards, 1917-9. —*b.* Earlsville, Ill., Aug. 24, 1875; *s.* Romeo and Luella (Bagley) H.; reared on farm; *m.* Virgie Van Meter, Jan. 8, 1902; *c.* Emerson, Marion.

Hoke, Charles Edward, banker and agrl. writer, First Nat. Bank, Stillwater, Okla.

With Off. Farm Manag., U. S. Dept. Agr., 1909-19; present position, 1919-. Chm. agrl. com., Okla. State Bankers Assoc. *Auth.:* Farm Management, 1920; Simplified Farm Accounts. —*b.* Cherokee, Kans., Aug. 31, 1883; *s.* John P. and Annie (Montee) H.; reared on farm; *m.* Leah C. Brown, 1910; *c.* Ralph Edward. B.S., Okla. A. & M. Coll., 1907; M.S., 1919.

Hoke, Mac, sheep and wool grower, Pendleton, Ore.

Instr. agr., high-sch., Idaho Falls, Ida., 1912; Twin Falls, 1913-5; Boise, 1915-7; formerly co. agrl. agt., Enterprise, Ore. Sec. Ore. Wool Growers Assoc. —*b.* Cherokee, Kans., May 27, 1892; *s.* John P. and Anna (Montee) H.; reared on farm; *m.* Carrie Williamson, Dec. 30, 1915. B.S., Okla. A. & M. Coll., 1912.

Holben, Fred Jacob, asst. prof. soil tech., Penn. State Coll., State College, Pa.

Asst. chem., Armour & Co., Chicago, 1912-3; Penn. Agr. Exp. Sta., 1913-6; Bur. Chem., Dept. Agr., Harrisburg, Pa., 1916-7; present position, 1917-. —*b.* Macungie, Pa., Jan. 7, 1889; *s.* Levinus M. and Ida J. (Seiberling) H.; reared in town; *m.* Harriet M. Deal, June 21, 1916. B.S., Penn. State Coll., 1912; M.S., 1925. Beta Theta Pi.

Holbert, James Ransom, path. Off. Cereal Invests., U. S. Dept. Agr., Bloomington, Ill.

With Off. Cereal Invests., summer 1915, 1918-; agron. for Funk Bros. Seed Co., 1915-8. (Corn). —*b.* Delaware Co., Ind., July 18, 1890; *s.* Geo. and Mary (Rose) H.; reared on farm; *m.* Bertha E. Roberts, June 16, 1916; *c.* Ruth Marie. B.S.A., Purdue Univ., 1915; M.S.A., 1919. Sigma Xi; Alpha Zeta.

Holbrook, Frances Morton, home dem. agt., 70 W. Chippewa St., Buffalo, N. Y.

Asst. home bur. manag., 1923-4; manag. Erie Co. home bur., 1924-. —*b.* Lockport, N. Y., Aug. 3, 1894; *d.* Wm. Chauncey and Stella (Eggleston) Morton; reared in city; *m.* Gerald Clifford Holbrook, June 19, 1915. B.S., Buffalo State Normal Sch., 1923; Student Univ. Minn., Cornell Univ. Phi Upsilon Omicron.

Holdaway, Charles William, prof. dairy husb., Va. Poly. Inst., Blacksburg, Va.

Asst. dairy husb., Va. Poly. Inst., 1903-7; instr., 1907-14; assoc. prof., 1914-8; prof., 1918-. Traveled in Australia, Samoa, Hawaii. —*b.* New Zealand, May 24, 1880; *s.* Chas. and Helen B. R. (Mair) H.; reared in town and on farm; *m.* Carrie E. McTavish, Dec. 25, 1907; *c.* Helen, Lorne, Chas., Amy. B.S., Va. Poly. Inst., 1912; M.S., 1916.

Holden, Perry Greeley, head agrl. ext. dept., International Harvester Co., Harvester Bldg., Chicago, Ill.

Instr. agr., Mich. Agr. Coll., 1889-93; prof. sci., Benzonia Coll., Mich., 1895; co. supt. schs., Benzie Co., Mich., 1895-6; prof. agron., Univ. Ill., 1896-1900; agrst., Ill. Sugar Refining Co., 1900-1; organizer Funk Bros. Seed Co., 1902; prof. agron. and vice-dean dept. agr., Ia. State Coll., 1902-12; head agrl. ext., 1906-12; present position, 1912-. *Auth.*: Corn Secrets; Vitalized Agriculture in the Rural Schools. —*b.* Dodge Co., Minn., Oct. 14, 1865; *s.* Denison Franklin and Helen Mar (Wilson) H.; *m.* Carrie Burnett, Nov. 25, 1892. B.S., Mich. Agr. Coll., 1889; M.S., 1895; B.Pd., Mich. State Normal Sch., Ypsilanti, 1894; Pd.M., 1912.

Holden, Richard Lynde, manag. ed. The Guernsey Breeders Journal, Peterboro, N. H.

Instr. an. husb., Mass. Agr. Coll., 1918-20; co. club leader, Barnstable Co., Mass., 8 mos.; in chg. journal div., Amer. Guernsey Cattle Club, 1920-. —*b.* Norton, Mass., June 10, 1897; *s.* Francis W. and Gertrude (Lynde) H.; reared in country; *m.* Marjorie Upham, Apr. 21, 1919; *c.* Dorothy Upham, Ruth Marjorie. B.S., Mass. Agr. Coll., 1917. Lambda Chi Alpha.

Holder, Ralph C., chief poultry nutr., Albert Dickinson Co., Box 788, Chicago, Ill.

Res. asst. chem., Jefferson Med. Coll., Philadelphia; res. chem., U. S. Bur. Chem. Served in Chem. Warfare Serv., World War. —*b.* Millis, Mass., Feb. 22, 1895; *s.* I. C. and Nettie H.; reared in town; *m.* Blanch E. Leighton, 1920. B.S., Mass. Agr. Coll., 1917.

Holland, Abner William, co. agrl. agt., Port Angeles, Wash.

Supt. schs., Ferndale, Wash., 1912-4; princ. high-sch., 1917; present position, 1917-. —*b.* Mo., Oct. 13, 1887; *s.* Chas. J. and Sarah E. (Hardy) H.; reared on farm; *m.* Lenore Theilmann, Mar. 12, 1917. B.S., Univ. Calif., 1916.

Holland, Clyde Simpson, ext. asst. prof. hort., Ohio State Univ., Columbus, O.

Asst. manag. apple orchard of Amer. Fruit Growers, Hancock, Md., 1919-21; ext. asst. prof. hort., Ia. State Coll., 1921-4; present position, 1924-. 2d Lieut. Inf., U. S. Army, 1918-9. —*b.* Kent Isl., Md., July 4, 1896; *s.* Wm. Jas. and Corinne (Rich) H.; reared in village; *m.* Mary Evelyn Eck, Oct. 10, 1923; *c.* Elise Corinne. B.S., Univ. Del., 1918. Theta Chi.

Holland, Edward Bertram, res. prof. plant and an. chem., Mass. Exp. Sta., Amherst, Mass.

Asst. general and analytical chem., Mass. Exp. Sta., 1892-3; asst. chem. and feeding dept., 1893-4; asst. chem. in feeding expts., 1894-5; asst. chem. dept. foods and feeding, 1895-9; first chem. dept. foods and feeding, 1899-1908; assoc. chem. res. div., plant and an. chem., 1908-11; assoc. chem. in chg. res. div., 1911-4; assoc. chem. in chg. res. sect., chem., 1914-7; assoc. chem. in chg. res. div., plant and an. chem., 1917-20; res. prof., 1920-. —*b.* Amherst, Mass., Jan. 13, 1872; *s.* Henry and Hannah M. (Clark) H.; *m.* Lilian M. Smith, Sept. 10, 1902. B.S., Boston Univ., 1892; B.Sc., Mass. Agr. Coll., 1892; M.Sc., 1898; Ph.D., 1915. Kappa Sigma; Phi Kappa Phi.

Holland, Ernest O., pres. Wash. State Coll., Pullman, Wash.

Asst. chem. lab., Univ. Ind., 1894-5; teach. high-sch., Ind., 1895-1900; Louisville, Ky., 1900-5; assoc. prof. educ., Univ. Ind., 1905-7; jr. prof. educ., 1907-8; prof. secondary educ., 1908-10; supt. schs., Louisville, Ky., 1911-6; present position, 1916-. —*b.* Bennington, Ind., Feb. 4, 1874; *s.* Philip C. and Ann (Chittenden) H.; reared in country. A.B., Univ. Ind., 1895; Ph.D., Columbia Univ., 1911; studied in Europe, summers 1905-1909; winter, 1923-4. Phi Beta Kappa; Phi Delta Kappa; Phi Kappa Phi.

Holland, Franklin Pierce, pres. Tex. Farm and Ranch Pub. Co., Dallas, Tex.

Ex-mayor Dallas. —*b.* Galveston, Tex., Sept. 22, 1852; *s.* Gustavus and Evelyn (Compton) H.; reared on farm; *m.* Pamelia Darling Allen; *c.* Franklin P. Jr., Reginald V., Gussie, James Porter, Marsh W.

Holley, George Washington, teach. voc. agr., high-sch., Oakman, Ala.

Teach. agr., high-sch., Baywood, La., 1914-6; co. agrl. agt., Ala., 1917; present position, 1918-. (Hort.). —*b.* Corona, Ala., Dec. 27, 1884; *s.* Wm. Pitts and Nance Clista (Garrison) H.; reared on farm; *m.* Lillian Ozelma Moore, Apr. 23, 1911; *c.* Evelyn, Eleanor, Paul, David, Louise. B.S., Ala. Poly. Inst., 1914.

Hollinger, Edwin, co. agrl. agt., Clovis, N. Mex.

Agrl. agt. Union Co., N. Mex., 1917-21; Curry Co., 1921-. —*b.* Lamar, Colo., June 16, 1893; *s.* Emmanuel W. and Jennie (Condit) H.; reared on farm; *m.* Alva Nichols, Aug. 16, 1919. B.S.A., N. Mex. A. & M. Coll., 1917.

Hollis, Sumner Dyer, co. agrl. agt., Newport, R. I.

Instr. an. husb., Bristol Co. Agrl. Sch., Segreganset, Mass., 1 yr.; manag. stock farm, Mt. Carmel, Conn., 1914-5; manag. general farm, Minetto, N. Y., 1915; manag. poultry farm, Niantic, Conn., 1916; agrl. agt. Newport Co., R. I., 1918-20, 1923-; manag. Sunnfields Farm, 1920-3. (Dairy and an. husb.). —*b.* Holbrook, Mass., Feb. 13, 1890; *s.* Sanford W. and Sarah Elizabeth (Belcher) H.; reared on farm; *m.* Florence May Banning, Jan. 6, 1916; *c.* Sanford Walter, Ruth May, Doris Marjorie. Conn. Agr. Coll., 1914. Sigma Alpha Pi.

Hollister, Sherman Preston, hort. and pom., Conn. Agr. Coll., Storrs, Conn.

Asst. in hort. Conn. Agr. Coll., 1905-7; hort., Hampton Normal and Agrl. Inst., 1909-11; instr. hort., Conn. Agr. Coll., 1911-7; pom. and ext. hort., 1917-21; hort., 1921-. Treas. New England Peach Growers Assoc. —*b.* Medina, O., Feb. 11, 1884; *s.* John Burr and Hattie (Northrop) H.; reared on farm; *m.* Mary Cushing Rogers, Oct. 15, 1913; *c.* Mary Elizabeth. B.S.A., Cornell Univ., 1909.

Holloway, Keith Leaming, asst. prof. and head dept. agrl. educ., Univ. Ark., Fayetteville, Ark.

Instr. sci., high-sch., Ft. Worth, Tex., 1913-4; head dept. agr., State Teach. Coll., Conway, Ark., 1914-23; grad. asst. agrl. educ., Univ. Ark., 1923-4; asst. prof., 1924-. —*b.* Ft. Smith, Ark., Nov. 3, 1890; *s.* Jas. L. and Mary (Leaming) H.; reared in town; *m.* Harriett Bennett, June 18, 1913; *c.* Virginia, Keith. Student Purdue Univ., 1911-3; B.S.A., Univ. Ark., 1924; M.S., 1924. Alpha Tau Omega.

Holloway, Thomas Edmunds, ent. asst., Bur. Ent., U. S. Dept. Agr., Sugar Exp. Sta., Audubon Park, New Orleans, La.

Assisted in U. S. boll weevil invests. in Tex.; invest. Mex. orange maggot in Mex. for Fed. Hort. Bd.; studied sugar-cane insects in La. and Cuba for Bur. Ent. Fellow A. A. A. S. (Sugar-cane insects, especially control of moth-borer). —*b.* Parsons Kans., Aug. 20, 1886; *s.* Robt. T. and Edith (Hughes) H.; reared in town; *m.* Anita Mercedes del Corral, June 8, 1916; *c.* Francis Robt., Phyllis Anita. B.S.A., Tex. A. & M. Coll., 1908.

Holm, George Elmer, biol. chem., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Princ. high-sch., Dawson, Minn., 1914-5; res. asst. agrl. biochem., Univ. Minn., 1915-7; instr., Jan.-July 1919; asst. prof., 1919-20. 1st Lieut., Chem. Warfare Serv., 1917-9. —*b.* Cokato, Minn., Jan. 20, 1891; *s.* John and Anna S. (Jonsson) H.; reared on farm; *m.* Julia M. Zanger, June 22, 1918; *c.* Helen Marie. B.S., Carleton Coll., 1914; M.S., Univ. Minn., 1916; Ph.D., 1919. Sigma Xi; Phi Lambda Upsilon; Gamma Alpha; Alpha Chi Sigma.

Holmberg, Nathaniel J., comnr. agr., State Dept. Agr., Old State Capitol, St. Paul, Minn.

Owner and manag. stock and grain farm, Renville, Minn., 1907-; rep. and state senator, Minn., 12 yrs.; mem.

Amer. com., Nat. Inst. of Rome. —*b.* Renville, Minn., July 24, 1878; *s.* John M. and Mary C. (Wallin) H.; reared on farm; *m.* Hilda M. Peterson, 1908; *c.* Edith C. Student Univ. Minn., 1902.

Holmes, Arthur Dunham, dir. res. lab., The E. L. Patch Co., 5 Butler Rd., Stoneham, Mass.

Instr. chem., Univ. Me., 1907; Mass. Agr. Coll., 1908; chem. Spanish-Amer. Iron Co., Moa, Cuba, summer 1910; Ga. Sch. Tech., Sept.-Dec. 1911; specialist in chg. digestion exp., U. S. Dept. Agr., 1911-8; res. chem., E. I. DuPont Co., 1918-21; present position, 1921-. (Cod liver oil, food and nutr.). —*b.* Walpole, N. H., July 19, 1884; *s.* John Prentiss and Mary Emma (Dunham) H.; reared on farm; *m.* Edna F. Wright, June 25, 1912; 2d Florence L. Lippincott, Nov. 18, 1922; *c.* Mary Wright. B.S., Dartmouth Coll., 1906; Ph.D., Johns Hopkins Univ., 1911.

Holmes, Clarence Leroy, prof. and head dept. agrl. econ. and rural sociol., Ia. State Coll., Ames, Ia.

Farmer, 1904-6; asst. prof., Univ. Minn., 1919-21; assoc. prof., Ia. State Coll., 1921-3; prof., 1923-. —*b.* Lansing, Ia., Jan. 22, 1879; *s.* Wm. Mason and Clarinda (Lees) H.; reared on farm; *m.* Frances Phillips, June 30, 1911; *c.* Wm., Frances, Alice. B.A., Univ. Mich., 1907; Ph.D., Univ. Wis., 1920. Gamma Sigma Delta.

Holmes, George Kirby, agrl. statistician, 1323 Irving St. N. W., Washington, D. C.

Prepared plan of invest. of distribution of wealth by Mass. Bur. Statistics of Labor, 1888; chg. invest. of real estate mortgages and farm and home tenure, census 1890; res. and special invest. in agrl. statistics and econ., U. S. Dept. Agr., 1895-; crop-reporting serv., 1895-; mem. Crop Reporting Bd., 1905-24. Del. from U. S. to Intern. Inst. of Agr., Rome, Italy, 1909, 1910. Fellow Amer. Statistical Assoc. —*b.* Great Barrington, Mass., May 10, 1856; *s.* Harvey and Mary J. (Kirby) H.; reared in town and on farm; *m.* Lilian Hunter, Apr. 27, 1898; *c.* Emma Biscoe, Mary Kirby, G. Kirby Jr., John Hunter.

Holsinger, Clarence Victor, ext. prof. hort., Ia. State Coll., Ames, Ia.

Ext. hort., Kans. State Agr. Coll., 1909-12; prof. hort., Milwaukee Co. Sch. Agr., 1918; assoc. prof. hort., Ia. State Coll., 1919-21; ext. prof., 1921-. —*b.* Rosedale, Kans., Nov. 30, 1872; *s.* Frank and Mary Frances (Long) H.; reared on farm; *m.* Olive Mebel Wilson, Mar. 1896; *c.* Ray W., Laurence, Jas., Edna. B.S., Kans. State Agr. Coll.

Holst, John Henry, head dept. educ., Mont. State Coll., Bozeman, Mont.

Teach. public schs. until 1913; princ. sch. agr., Mont. State Coll., 1913-20; present position, 1921-; dir. summer session, Mont. State Coll., 1914-. Pres. Mont. Country Life Educ. Assoc., 1913-4. Organizer of first consolidated sch. in Mont. —*b.* Gravois Mills, Mo., Mar. 2, 1873; *s.* N. J. and Rachel Jane (James) H.; reared on farm; *m.* Laura C. Maynard, Aug. 10, 1910; *c.* Rachel Edith, Jane Maynard, Arthur Wm. Grad. Hooper Inst., Clarksburg, Mo.; M.A. (hon.), Univ. Mont., 1918; M.A., Columbia Univ., 1921.

Holt, Arthur E., prof. social ethics, Chicago Theol. Sem., Chicago, Ill.

Pastor, First Congregational Church, Pueblo, Colo., 1904-10; Manhattan, Kans., 1910-6; First Presbyterian Church, Ft. Worth, Tex., 1916-9; nat. social serv. sec., Congregational Churches in Amer., 1919-24; present position, 1924-. Mem. Nat. Social Serv. Comn. of Congregational Churches of Amer. *Auth.*: Justice and Social Faith; Social Work in the Church, 1922; (with F. E. Johnson) Christian Ideals in Industry, 1923. Editorial staff, Rural Educator. (Rural church and social serv.). —*b.* Longmont, Colo., Nov. 23, 1876; *s.* Asa D. and Fannie D. (Merrill) H.; reared on farm; *m.* Grace L. Bradshaw, 1904; *c.* Frances M., John B., Florence E. A.B., Colo. Coll., 1898; B.D., McCormick Sem.; Ph.D., Univ. Chicago, 1904.

Holt, Harry Quentin, superv. agr. and princ. high-sch., Medaryville, Ind.

Teach. Cent. Normal Coll., summer 1923; present position, 1923-. Agrl. range rider, Camp Knox, Ky., 1918-9. —*b.* Shoals, Ind., Nov. 18, 1896; *s.*

Abner and Caroline (Franklin) H.; reared on farm; *m.* Waneta A. Grimes, 1920; *c.* Marjorie, Robt. B.S.A., Purdue Univ., 1923; M.S., 1925. Kappa Delta Pi.

Holtzclaw, Hanan H., teach. voc. agr., Beebe Special Sch., Beebe, Ark.

Asst. agrl. educ., Univ. Ark., 1909-10; prof. an. husb. and supt. farm, State Sch., Magnolia, Ark., 1910-3; prof. an. husb. and supt. live-stock and dairying, State Sch., Russellville, 1913-6; agt. Childress Co. Tex., 1916-7; agt. Hall Co., Memphis, Tex., Jan.-Apr., 1918; sec. Army Y. M. C. A., Ala. Poly Inst., 1918; educ. dir. Army Y. M. C. A., Camp McClellan, Ala., 1918-9; instr. voc. agr., Ark., 1919-23; agrst., Franklin Co. Agrl. Sch., Meadville, Miss., 1923-4; present position, 1924-. —*b.* Vineyard, Ark., Dec. 13, 1886; *s.* Henry H. and Izora H.; reared on farm; *m.* Georgia Goodwin Short, 1910; *c.* Henry G. B.S.A., Univ. Ark., 1909; M.S., 1910.

Homer, William Harrison Jr., farmer and general manag. Utah Fruit Exchange, Pleasant Grove, Utah.

Prof. hort., Brigham Young Univ., 1907-8; princ. Sch. Agr., 1909-11; prof. hort., Utah Agr. Coll., 1911-3. Pres. State Hort. Comn., 1912-6; sec. State Hort. Soc., 1914-6. Traveled in Europe, 3 yrs. —*b.* Clarkston, Utah, July 30, 1875; *s.* Wm. Harrison and Susannah (Raymond) H.; reared on farm and in village; *m.* Philena Belle Fletcher, July 24, 1907; *c.* Helen, Wm. Fletcher, John Fletcher, Raymond, Edward Fletcher. B.S., Utah Agr. Coll., 1900; M.S.A., Cornell Univ., 1907.

Hood, George William, hort., supt. Forest Laun, 4003 Forest Laun Ave., Florence Sta., Omaha, Neb.

Instr. hort. and in chg. conservatories, Ohio State Univ., 1907-9; asst. U. S. Dept. Agr., 1910-1; instr. hort., Mich. Agr. Coll., 1911-3; assoc. prof. hort., Univ. Neb., 1913-23; present position, 1923-. *Auth.*: Laboratory Manual of Horticulture, 1915; Practical School and Home Gardens, 1916; Farm Horticulture, 1918, rev. ed., 1920. —*b.* Lancaster, O., July 30, 1886; *s.* Jas. T. and Elizabeth (Hodgison) H.; *m.* Mildred M. Neimeier, July 7, 1915; *c.* Helen Elizabeth. B.S., Ohio State Univ., 1910; M.S., 1914. Sigma Kappa Zeta; Gamma Sigma Delta.

Hood, Robin, dir. information, Nat. Council of Farmers Coop. Marketing Associations, 1133 Investment Bldg., Washington, D. C.

Pub. Bay City, Tex., County News, 1920-3; Palacios, Tex., Beacon, 1920-. Lieut. U. S. Army, World War. —*b.* Chicago, Ill., Mar. 8, 1898; *s.* Thos. Henry and Eva Maria (Dickson) H.; reared in city and on farm. Student Univ. Wis., 1915-9.

Hood, Samuel C., farmer, Westfield, Mass.

With U. S. Dept. Agr., cult. foreign drug and perfume plants in Fla., 12 yrs.; leader agrl. development, Ga., 4 yrs.; coop. marketing specialist in southern states, 3 yrs.; econ., Hampden Co. Improvement League, Springfield, Mass., 1 yr. —*b.* Topsham, Vt., July 9, 1880; *s.* John and Luseba (Clark) H.; reared on farm; *m.* Nellie E. Parmenter, Oct. 6, 1905; *c.* Dorothy, Robt. J. B.S., Univ. Vt., 1904.

Hook, Wallace Henry, dir. rural art, State Coll. for Women, Denton, Tex.

Dir. Agrl. High-Sch. and Exp. Farm, Ridgeley, Md., 1912-4; farm bur. manag., Ulster Co., N. Y., 1914-8; poultry farmer, Esopus, N. Y., 1916-8; agt. Newton Co., Mo., 1918-9. Vice-pres. Long Ridge Oil Co., Kingston, N. Y. —*b.* near Bridgewater, N. Y., Mar. 22, 1886; *s.* Wm. Feltham and Francis Alvira (Hopkins) H.; reared on farm. B.S., Cornell Univ., 1912.

Hooker, Henry Daggett Jr., assoc. prof. hort., Univ. Mo., Columbia, Mo.

Instr. bot., Yale Univ., 1915-8; asst. prof. hort., Univ. Mo., 1919-20; prof., 1920-. Asst. physiologist, Gas Defence Serv., Bur. Mines, 1917-8; 1st. Lieut. Chem. Warfare Serv., A. E. F., 1918. Fellow A. A. A. S.; mem. Nat. Res. Council. *Auth.*: Fundamentals of Fruit Production, 1922 (with V. R. Gardner and F. C. Bradford). (Plant physiol. and chem.). —*b.* Brooklyn, N. Y., Jan.

25, 1892; *s.* Henry Daggett and Mary Theodora (Davenport) H.; reared in city; *m.* Mary Douglas Anderson, Dec. 16, 1919. B.A., Yale Coll., 1912; M.A., Yale Univ., 1913; Ph.D., 1915; student Univ. Strassburg, 1912-3. Phi Beta Kappa; Sigma Xi; Gamma Sigma Delta; Alpha Chi Sigma.

Hooker, William Anson, assoc. ed. Exp. Sta. Record, Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Special field agt., U. S. Bur. Ent., 1904-8; ed. econ. ent., zool. and vet. med. for Exp. Sta. Record, 1908-. Fellow A. A. A. S. —*b.* Westhampton, Mass., Aug. 13, 1877; *s.* Chas. Henry and Mary (Edwards) H.; reared on farm and in town; *m.* Mary Woodbury Allen, Feb. 5, 1907; *c.* Allen Edwards, Chas. Bullard. B.Sc., Mass. Agr. Coll., Boston Univ., 1899; D.V.M., Geo. Washington Univ., 1913; LL.M., National Univ., 1921. Phi Sigma Kappa.

Hookland, Seibert S., farmer and fruit-grower, Las Cruces, N. Mex.

Teach. Caton Coll., Minneapolis, 5 yrs.; Banks Business Coll., Philadelphia, 5 yrs.; dean dept. commerce, Highland Park Coll., Des. Moines, Ia., 1½ yrs. Manag. and sales agt. Dona Ana Co. Farm Bur.; organizer and pres. Farm Bur. Marketing Assoc.; mem. editorial staff Rio Grande Farmer. —*b.* Newburg, Minn., Dec. 29, 1864; *s.* Sigbjorn and Margit (Haugan) H.; reared on farm; *m.* Caroline Storlie, 1891 (d. 1896); 2d, Olga Alexandra Martin, May 1905; *c.* Mildred Beatrice, Norman Seibert. Grad. State Normal Sch., Winona, Minn., 1887.

Hooper, John Julian, prof. dairy husb. and head dairy div. Exp. Sta., Univ. Ky., Lexington, Ky.

Asst., Tex. Exp. Sta., 1902; asst. prof. agr., Univ. Ky., 1906-8; prof an. husb., 1909-17. Chm. examining bd., Ky. Creamery License Law; dir. Blue Grass Fair; supt. dairy cattle, State Fair. Studied European agr., 1911. —*b.* Colorado, Tex., Mar. 16, 1883; *s.* John Randolph and Julia Emma (Felker) H. B.S., Tex. A. & M. Coll., 1901; M.S.A., Ia. State Coll., 1907.

Hooper, Willis B., ext. specialist in walnut cult., Univ. Calif., Citrus Exp. Sta., Riverside, Calif.

Lieut. U. S. Air Serv., 1918-9. —*b.* Sandusky, O., Feb. 10, 1895; *s.* Francis Wm. and Minnie (Boulden) H.; reared in city; *m.* Florence Owen, July 26, 1920. B.S., Ohio State Univ., 1917. Alpha Gamma Rho.

Hoopes, Lindley Barrows, instr. voc. agr., high-sch., Muscatine, Ia.

Truck farmer, 1917-22; present position, 1922-. Ex. vice-pres. Ia. State Veg. Growers Assoc. —*b.* Muscatine, Ia., Jan. 23, 1896; *s.* Joseph E. and May (Walton) H.; reared on farm; *m.* Mildred Johnson, May 29, 1919; *c.* Clara May, Joseph Wm. B.S.A., Ia. State Coll., 1917. Chi Phi.

Hootman, Hugh Donald, asst. ext. specialist in hort., Mich. State Coll., E. Lansing, Mich.

Fruit-grower, Hicksville, O., 1914-7; foreman orchards and gardens, Mich. Agr. Coll., 1917-20; supt. Graham Hort. Exp. Sta., 1920-4; present position, 1924-. Sec. Mich. State Hort. Soc., 1924-. Corporal Inf., U. S. Army, 1918-9. —*b.* Eureka, Ill., Aug. 12, 1893; *s.* G. W. and Clara E. (Richardson) H.; reared in town; *m.* Wynnie B. Walkley, Aug. 19, 1920; *c.* Helen Kathryn, Robt. Dana. Student Mich. Agr. Coll.

Hoover, Jessie May, milk utilization specialist, Bur. of Dairying, U. S. Dept. Agr., Washington, D. C.

Preceptress Sch. Agr., S. D. State Coll., 1907-9; prof. home econ. and dean of women, N. D. Agr. Coll., 1909-12; prof. home econ., Univ. Ida., 1912-8; present position, 1918-. Chm. home econ. div., Inland Empire Teachers Assoc., 1915-8; dir. home econ., U. S. Food Adminis. for Ida., 1917-8; chm. food conservation women's com., Council of Defense for Ida., 1917-8; chm. home econ., State Fed. of Women's Clubs, 1914-7. —*b.* Seneca, Kans.; *d.* D. F. and Martha A. (Tomson) H.; reared in town and on farm. B.S., Kans. State Agr. Coll., 1905. Phi Kappa Phi; Phi Upsilon Omicron.

Hopkins, Andrew Delmar, sr. ent., special res. in bioclimatics, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Ent., W. Va. Exp. Sta., 1890-1902; vice-dir., 1897-1902; prof. econ. ent., W. Va. Univ., 1896-1902; for. ent. in chg. for. insect invests., Bur. Ent., 1902-23; present position, 1923-. Vice-pres. Ent. Soc. Amer.; vice-pres. Assoc. Econ. Ent., 1900; pres. 1901; 1st pres. W. Va. Acad. Sci.; pres. Ent. Soc. Washington; vice-pres. Washington Acad Sci.; vice-pres. Biol. Soc. Washington, 1915, pres., 1920. 1st pres. Soc. Adv. For. Ent. in Amer.; organizer and pres. Jackson Co. Fair, 1878; organizer W. Va. Sheep Breeders and Wool Growers Assoc., 1879; organizer States Farmers Inst. Soc., 1889. Farmer and breeder sheep and cattle, 1874-; developed over 40 varieties of timothy. —*b.* Jackson Co., W. Va., Aug. 20, 1857; *s.* Andrew Evans and Miriam Florence (Evans) H.; reared on farm; *m.* Adealia S. Butcher, Nov. 18, 1880. Hon. Ph.D., W. Va. Univ., 1893.

Hopkins, Andrew Winkle, prof. agrl. journalism and ed., Univ. Wis., Madison, Wis.

Dir. Wis. Livestock Breeders Assoc. —*b.* Leeds, Wis., July 9, 1880; *s.* Richard and Harriet (Sawyer) H.; reared on farm; *m.* Bess C. Brewer, Nov. 12, 1912; *c.* Robt. Brewer, Helen. B.S., Univ. Wis., 1903. Sigma Delta Chi; Phi Kappa Phi; Alpha Zeta.

Hopkins, Edward Stanley, Dominion field husb., Central Exp. Farm, Ottawa, Ont.

Agrl. rep., Ont. Dept. Agr., 1911-3; instr. Sch. Agr., Vermilion, Alta., 1913-8; in chg. provincial soil invests., Alta., 1918-20; present position, 1920-. —*b.* Lindsay, Ont., Mar. 9, 1890; *s.* Eustace H. and Ellen (Dever) H.; reared on farm; *m.* Eva Wade, 1921. B.S.A., Ont. Agr. Coll., 1911; M.S., Univ. Wis., 1916.

Hopkins, John Abel Jr., asst. prof. agrl. econ., Ia. State Coll., Ames, Ia.

b. Newark, Del., Apr. 4, 1897; *s.* John A. and Ellen (Walker) H.; reared on farm. B.S., Del. Coll., 1917; A.M., Harvard Univ., 1921; Ph.D., 1924. Theta Chi.

Hopper, Herbert Andrew, prof. an. husb., Cornell Univ., Ithaca, N. Y.

Instr. dairy husb., Univ. Ill., 1903-7; ext. dairy husb., Purdue Univ., 1907-8; asst. prof. dairy husb., Univ. Calif., 1908-11; asst. prof. an. husb., Cornell Univ., 1911-3; prof., 1913-. Dairy farmer and breeder, 1911-. Contributing ed., Black and White Record. —*b.* Ithaca, N. Y., June 10, 1879; *s.* Andrew P. and Arvilla (Peckham) H.; reared on farm; *m.* Portia E. Gilkerson, July 31, 1907; *c.* Elizabeth, Portia Arvilla, Herbert A. Jr. B.S.A., Cornell Univ., 1903; M.S., Univ. Ill., 1907. Sigma Xi.

Hoppert, Ernest H., assoc. prof. ext. hort., Univ. Neb., Lincoln, Neb.

Pres. State Hort. Soc., 1920, sec., 1924-. —*b.* Sheboygan, Wis., Jan. 19, 1891; *s.* C. W. and Sophia (Kauffman) H.; reared in city and country; *m.* Clara Hauschildt, June 20, 1917; *c.* Marion Ruth, Margaret Gertrude. B.S.A., Univ. Wis., 1914. Alpha Zeta; Gamma Sigma Delta.

Hoppert, Martin John, dairyman and breeder Guernsey cattle, Norwind Farm, Sheboygan, Wis.

Stock and grain farmer, Minn., 2 yrs.; dairy farmer, Wis., 6 yrs.; formerly co. agrl. agt., Plymouth, Wis. Sec. Sheboygan Co. Holstein Breeders Assoc. —*b.* Sheboygan, Wis., Nov. 11, 1889; *s.* Christian and Sophie (Kauffman) H.; reared in city and on farm; *m.* Hattie Lange, June 15, 1914; *c.* Frederick, Martin Jr. B.S.A., Univ. Wis., 1912. Alpha Zeta.

Hopt, Erwin, farmer and stockman, Cambridge, Neb.

Exp. Sta., N. Platte, Neb., 1909; prof. agron., Univ. Neb., 1909-18. *Auth.*: (with Spafford) Laboratory Exercises in Principles of Agriculture, 1914. —*b.* Hamburg, Ia., Jan. 17, 1876; *s.* Chas. and Albina (Schnirl) H.; reared in town and country; *m.* Eva S. Burner, July 25, 1905; *c.* Helen Ruth, Erma Eveline, Carl Erwin. B.S.A., Univ. Neb., 1909. Sigma Xi; Alpha Zeta.

Horlacher, Levi Jackson, prof. an. husb. in chg. sheep invests. and ext., Univ. Ky., Lexington, Ky.

Teach. fellow an. husb., Kans. State Agr. Coll., 1917-8; instr. to prof. an. husb., Univ. Ky., 1918-. Chm. an. husb. sect., S. Agrl. Workers, 1923-4; sec. Ky. Sheep Breeders Assoc., 1924. Inf., U. S. Army, World War. —*b.* Frankfort, Ind., June 9, 1896; *s.* Jas. L. and Tereza (Whetstone) H.; reared on farm; *m.* Vaneta Thomas, Aug. 1918; *c.* Helen Hester. B.S.A., Purdue Univ., 1917; M.S., Kans. State Agr. Coll., 1919. Sigma Xi; Alpha Tau Omega; Alpha Zeta; Tau Kappa Alpha; Gamma Sigma Delta; Lambda Gamma Delta.

Horlacher, Walter Rawlins, assoc. prof. genetics, Tex. A. & M. Coll., College Station, Tex.

Fellow an. husb., Kans. State Agr. Coll., 1920-2; instr., 1922-3; present position, 1923-. Served in World War. —*b.* Frankfort, Ind., Aug. 4, 1897; *s.* Jas. L. and Tereza N. (Whetstone) H.; reared on farm; *m.* Lydia Elizabeth Lincoln, Dec. 31, 1924. B.S.A., Kans. State Agr. Coll., 1920; M.S.A., 1922. Alpha Tau Omega; Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi; Pi Kappa Delta.

Horlamus, Orlando Oswald, farmer and manag. chick hatchery, Ojibwa, Wis.

Farmer and poultryman, W. Bend, Wis., 1911-4; instr. an. husb., Dunn Co. Sch. Agr., Wis., 1918; co. agrl. agt., St. Peter, Minn., 1918-22. —*b.* W. Bend, Wis., Nov. 1, 1893; *s.* John and Alvina (Wilke) H.; reared on farm; *m.* Nellie Irene Welch, July 1, 1919. B.S., Univ. Wis., 1918. Alpha Zeta.

Horn, Carl Meads, instr. agr. and princ. high-sch., Bad Axe, Mich.

Served in U. S. Navy, 1917. —*b.* Traverse City, Mich., Apr. 6, 1897; *s.* Chas. Henry and Hila Frances (Meads) H.; reared in town and on farm; *m.* Lena Louise Yeiter, July 27, 1921; *c.* Dorothy Louise. B.S., Mich. Agr. Coll.

Horne, Charles Ellsworth, dean Coll. Agr. and Mech. Arts., Univ. Porto Rico, Mayaguez, P. R.

b. Washington, Pa., Feb. 20, 1876; *s.* John N. and Nancy M. (Baker) H.; reared on farm; *m.* Frances E. Worth, June 17, 1915; *c.* John. A.B., Waynesburg Coll., 1897; A.M., Harvard Univ., 1904; Ph.D., Univ. Chicago, 1907.

Horne, William Titus, assoc. prof. plant path., Univ. Calif., Berkeley, Calif.

Instr. bot., Neb. Wesleyan Univ., 1898-1900; Sch. Agr., 1899-1900; asst. plant path., Cuban Exp. Sta., 1904-7; chief dept. plant path., 1907-9; asst. prof. plant path., Univ. Calif., 1909-14; assoc. prof., 1914-. Fellow A. A. A. S. Sec. Amer. Phytopath. Soc., Pacific Div. —*b.* Ill., Nov. 8, 1876; *s.* Wm. Henry and Ellen Alzora (Titus) H.; reared on farm; *m.* Mary Tracy Earle, July 1, 1906. B.S., Univ. Neb., 1898; fellow bot., Columbia Univ., 1903-4.

Horner, John Truman, prof. agrl. econ., Mich. State Coll., E. Lansing, Mich.

Instr. econ., Okla. A. & M. Coll., 1916-8; field agt., Okla. State Market Comn., 1918-9; asst. econ., Columbia Univ., 1919-20; ext. instr. accounting, 1920-1; present position, 1921-. —*b.* Anthony, Kans., July 29, 1888; *s.* Harry Newton and Annie May (French) H.; reared on farm; *m.* Susan G. Stroup, 1919. A.B., Univ. Okla., 1909; B.S., Okla. A. & M. Coll., 1916.

Horning, Jesse Orlan, co. agrl. agt., Glasgow, Ky.

Agrl agt., Butler Co., Ky., 1917-9; Barren Co., 1920-. With Red Path Chautauquas, 1915-7. Sergeant, U. S. Army, 1918. —*b.* Marion, Ky., Jan. 4, 1894; *s.* G. W. and A. E. (Barnett) H.; reared on farm.

Horsfall, John Louis, assoc. prof. econ. ent., Penn. State Coll., Bustleton St., Philadelphia, Pa.

Prof. biol., Univ. Dubuque, 1917-20; instr. ent. res., Penn. State Coll., 1920-2; asst. prof., 1922-3; assoc. prof., 1923-. Mem. Ia. Acad. Sci. Private Inf., U. S. Army, 1918. (Aphididae). —*b.* Iowa Falls, Ia., Apr. 2, 1888; *s.* Louis L. and Matilda (Adams) H.; reared in town; *m.* Agnes Mildred Barry, June 11, 1917. B.A., Univ. Ia., 1915; M.S., 1916; Ph.D., 1924. Sigma Xi.

Horsford, F. H., nurseryman, Charlotte, Vt.; July 21, 1855-Nov. 4, 1923. See Rus 1920.

Horst, Hulda, asst. state leader boys and girls clubs, Ohio State Univ., Columbus, O.

b. Columbus, O., June 30, 1892; *d.* Geo. C. and Clara (Vonderau) H.; reared in city. B.S., Ohio State Univ., 1915; student Columbia Univ., 1924. Delta Delta Delta; Phi Upsilon Omicron.

Horst, Samuel Long, dir. and superv. agr., Belleville Voc. Sch., Belleville, Pa.

Superv. agr., Beechwoods Voc. Sch., Falls Creek, Pa., 1921-3; superv. agr., Belleville Voc. Sch., 1923-4; dir. and superv. agr., 1924-. —*b.* S. Lebanon, Pa., Dec. 12, 1898; *s.* H. B. and Mary (Long) H.; reared on farm; *m.* Orpha Flory, June 1, 1922; *c.* Ida Joy. B.S., Penn. State Coll., 1920.

Horton, John Raymond, assoc. ent. in chg. Wichita lab., U. S. Bur. Ent., 126 S. Minneapolis Ave., Wichita, Kans.

Asst. ent., Utah Agr. Coll., 1906-9; dir. chg., Lindsay, Calif., lab., tropical and subtropical fruit insect invests., 1910-3; New Orleans, La., lab., 1913-7. —*b.* Ogden, Utah, Aug. 4, 1882; *s.* Joseph Holly and Mary Ruth (Davidson) H.; *m.* Aura Baker, July 23, 1910; *c.* John Ziemer, Dorothy. B.S., Utah Agr. Coll., 1909. Phi Kappa Iota.

Hoskins, Edwin Ray, teach. agr., Cornell Dem. Agrl. Sch., Trumansburg, N. Y.

Teach. biol. and agr., W. Va. Wesleyan Coll., 1919-20; princ. and teach. voc. agr., Union Acad., Belleville, 1920-2; present position, 1923-. 2d Lieut. Field Art., U. S. Army, 1917-8; O. R. C., 1919. —*b.* Merrifield, N. Y., May 20, 1891; *s.* Edwin P. and Jennie M. (Durfee) H.; reared on farm; *m.* Ethel Bernice Williams, Aug. 18, 1924. B.S., Cornell Univ., 1919; M.S., 1924. Phi Delta Kappa.

Hosmer, Ralph Sheldon, prof. for., Cornell Univ., Ithaca, N. Y.

Asst. Div. Soils, U. S. Dept. Agr., 1896-8; field asst., Bur. For., 1898-1903; instr., Yale For. Sch., 1901-2; supt. for., Hawaii, 1903-14; regent Coll. of Hawaii, 1907-14; prof. for. and head dept., Cornell Univ., 1914-. Chm. Conservation Comn. of Territory of Hawaii, 1908-14. Pres. Soc. Amer. Foresters, 1923; chm. N. Y. Sect., 1920; mem. exec. com., N. Y. State For. Assoc., 1915-24; mem. Res. Council, Northeastern For. Exp. Sta., 1924-7. Fellow A. A. A. S. *Auth.*: Impressions of European Forestry, 1922. —*b.* Deerfield, Mass., Mar. 4, 1874; *s.* Geo. Herbert and Julia West (Sheldon) H.; reared in city; *m.* Jessie Nash Irwin, Dec. 30, 1913; *c.* David Irwin, Jane Sheldon, Emily Frances. B.S.A., Harvard Univ., 1894; M.F., Yale Univ., 1902. Alpha Zeta.

Hott, Nora M., ext. specialist clothing, Univ. Minn., University Farm, St. Paul, Minn.

Instr. home econ., high-sch., Ashland, Kans., 1914-7; Moore, Mont., 1917-8; home dem. agt., Lewiston, Mont., 1918-20; agt. at large Mont. State Coll., 1920; home dem. agt., Waseca, Minn., 1921; present position, 1922-. —*b.* Goodland, Kans., Dec. 24, 1891; *d.* Jas. B. and Lucinda (Balmer) H.; reared in town. B.S., Kans. State Agr. Coll.

Hottes, Alfred Carl, asst. prof. flor., Ohio State Univ., Columbus, O.

Asst. biol., Cornell Univ., 1913-4; instr. hort., 1914-6; present position, 1916-. With A. T. De LaMare Pub. and Ptg. Co., New York City, summer, 1916-7. Vice-pres. Columbus Hort. Soc.; chg. trial grounds Amer. Gladiolus Soc., Ithaca, 1913-6. *Auth.*: Practical Plant Propagation, 1917; revisor Oliver's Plant Culture, 1917; Little Book of Annuals, 1922; Little Book of Perennials, 1923; Little Book of Climbing Plants, 1924; contr. to Garden Guide, Book of Rural Life. (Bearded iris). —*b.* Ithaca, N. Y., Mar. 16, 1891; *s.* Chas. F. and Mary A. (Bergman) H.; reared in small city. B.S., Cornell Univ., 1913; M.S.A., 1914. Sigma Xi; Pi Alpha Xi.

Houck, Ulysses Grant, vet., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

With Bur. An. Ind., 1897-; at present chief div. hog cholera control and administrative asst. to Chief of Bur. —*b.* Luzerne Co., Pa., Jan. 2, 1866; *s.* Samuel and Hulda Jane (Lutsey) H.; reared on farm; *m.* Nora C. Davenport, Oct. 5, 1905. B.S., Dickinson Sem., 1889; V.M.D., Univ. Penn., 1895.

Hough, Susan Alice, home dem. agt., Madera, Calif.

Teach. dom. sci., Lyle, Minn., 1915-6; Leroy, 1916-7; home dem. agt., Little Falls, Minn., 1918-22; distr. home dem. agt., Mankato, 1922-3; present position, 1923-. —*b.* Ironwood, Mich., June 17, 1893; *d.* Geo. D. and Evelyn (Hannah) H.; reared in town. B.S., Univ. Minn., 1915. Phi Upsilon Omicron.

Houghton, Frederick Lowell, sec. Holstein-Friesian Assoc. of Amer., Brattleboro, Vt.

Lawyer, Boston, 1884-95; Vt., 1896-. Ed. and founder Holstein-Friesian Register, 1886-; sec. Holstein-Friesian Assoc. Amer. 1894-. Mem. Vt. House of Rep., 1900-4. Trustee N. E. Agrl. Soc.; vice-pres. Worlds Dairy Congress, 1923. *Auth.*: Holstein-Friesian Cattle—A History of the Breed and Its Development in America, 1887, rev. ed., 1920; Holstein-Friesian Year Book, 1900-12; Holstein-Friesian Herd Book, 1894-. —*b.* Brookline, Mass., Aug. 24, 1859; *s.* Chas. and Edna Rebecca (Lowell) H.; *m.* Rosmarie MacCallum, June 20, 1896 (d. 1899). LL.B., Boston Univ. Sch. of Law, 1884.

House, Edward B., prof. irrig. engin., Colo. Agr. Coll., Fort Collins, Colo.

Asst. math., Colo. Agr. Coll., 1896; prof. math., 1896-1905; assoc. prof. irrig. engin., 1905-10; prof. civil and irrig. engin., 1910-. —*b.* Evans, Colo., Feb. 27, 1872; *s.* E. P. and C. H. (Bishop) H.; reared on farm and small town; *m.* Harriet Chandler, 1898; *c.* Edward C., Margaret, Joe C. B.S., Univ. Mich., 1896; M.S., Colo. Agr. Coll., 1904.

Householder, Glen M., dir. immigration, Dept. Agr., Madison, Wis.

Foreman, Richland Co. Poor Farm, 1912; teach. agr., high-sch., Dawson, Minn., 1914-6; Spring Valley, 1916-7; co. agrl. agt., Ladysmith, Wis., 1917; asst. state leader co. agts., Univ. Wis., 1919; present position, 1919-. 2d Lieut., U. S. Army, 1917-9. —*b.* Richland Co., Wis., Jan. 12, 1890; *s.* H. C. and Alice (Francis) H.; reared on farm; *m.* Erma Dieter, 1911; *c.* Howard C., Helen, John D., Neil. B.S., Univ. Wis., 1914.

Houser, John Samuel, assoc. ent., Ohio Exp. Sta., Wooster, O.

Asst. ent., Ohio Exp. Sta., 1903-7; asst. plant path., Cuban Agr. Exp. Sta., Santiago de las Vegas, 1907-9; asst. ent., Ohio Exp. Sta., 1909-13; assoc. ent., 1913-. Pres. Assoc. of Ohio Ent. (Park and shade tree insects). —*b.* Oxford, Kans., Apr. 19, 1881; *s.* Henry and Edna Caroline (Norris) H.; reared on farm; *m.* Elizabeth Mudge, Oct. 17, 1906; *c.* Mary Caroline. B.S., Kans. State Agr. Coll., 1904; M.S.A., Cornell Univ., 1911. Sigma Xi.

Houston, David Franklin, formerly Secretary of Agriculture, pres. and dir. Bell Telephone Securities Co., 165 E. 74th St., New York, N. Y.

Tutor in ancient languages and grad. student, S. C. Coll., 1887-8; supt. schs., Spartanburg, S. C., 1888-91; grad. student, Harvard Univ., 1891-4; adj. prof. political sci., Univ. Tex., 1894-7; assoc. prof., 1897-1900; prof., 1900-2; dean faculty, 1899-1902; pres. Tex. A. & M. Coll., 1902-5; pres. Univ. Tex., 1905-8; chancellor Washington Univ., St. Louis, 1908-16; Sec. Agr., 1913-20; Sec. of Treasury, 1920-1; chm. Fed. Reserve and Farm Loan Boards, 1920-1; present position, 1921-. Dir. Amer. Telephone and Telegraph Co.; dir. and mem. finance com., Prudential Insurance Co.; dir. Farmers Loan and Trust Co.; dir. N. Y. Telephone Co.; dir. Inst. Econ.; dir. Bur. Govt. Res. —*b.* Monroe, N. C., Feb. 17, 1866; *s.* Wm. Henry and Cornelia Anne (Stevens) H.; *m.* Helen Beall, Dec. 11, 1895. A.B., S. C. Coll., 1887; A.M., Harvard Univ., 1892; LL.D., Tulane, 1903, Univ. Wis., 1906, Yale Univ., 1913, Univ. Mo., 1914, Harvard Univ., 1914, Rutgers Coll., 1919, Brown Univ., 1919, Univ. N. C., 1922.

Houston, Sherman Purdy, farmer and banker, Malta Bend, Mo.

Pres. bank, Malta Bend; mem. bd. Wood & Huston Bank, Marshall, Mo. Pres. Mo. Livestock Producers Assoc.; mem. adv. com. of Agrl. Comn., 1918. —*b.* Rushville, Ill., Mar. 24, 1865; *s.* John Purdy and Elinor (McNeely) H.; reared on farm; *m.* Pearl Parrish, Feb. 27, 1906; *c.* Florence Madelein. M.S., Chaddock Coll., Quincy, Ill., 1887.

Hover, Charles Lewis, farmer, Longmont, Colo.

Wholesale druggist, Denver, 1886-1901; farmer and stockman, 1902-. Pres. Longmont Commercial Assoc., 1914; pres. Boulder Co. Farm Bur., 1912-3; pres. Colo. Farmers Congress, 1914-5, 1925; dir. Nat. Fed. of Coop. Live-stock Shippers, 1920. Chm. Boulder Co. Council Defense, 1918. —*b.* Mazomanie, Wis., Mar. 2, 1867; *s.* Wm. Ulysses and Harriet (Harbough) H.; reared in village; *m.* Katherine Stewart Avey, Dec. 8, 1898. Student Univ. Wis. Phi Delta Theta.

Hoverstad, Torger Anderson, development agt. in chg. agr. and immig., Chicago Great Western Railroad, Chicago, Ill.

Supt. Coteau Exp. Farm, Univ. Minn., 1894-5; supt. N. W. Exp. Farm, Crookston, 1895-1905; supt. N. D. farmers inst., 1908-13; agrl. comnr., Minn., St. Paul and S. Ste. Marie Ry., 1913-8; chair marketing, N. D. Agr. Coll., 1918-9; special agt. Minn., St. Paul and Sault Ste. Marie Ry., 1919-20; present position, 1920-. *Auth.*: Norwegians in America, 1914. —*b.* Dennison, Minn., Jan. 29, 1868; *s.* Anders Anderson and Ingebor (Estrem) H.; reared on farm; *m.* Mary C. Thomson, Sept. 15, 1897 (d. 1923); *c.* Phoebe Ingebor, Andrew Thomson, Helen Cornelia, Mary Eleanor. B.Agr., Univ. Minn., 1894; B.S., 1895.

Howard, Carl Gooch, instr. voc. agr., high-sch., Sheridan, Wyo.

Agrl. engin., Smith Form-a-Tractor Co., St. John, N. B., 1917; teach. sci. and agr., high-sch., Morris, Ill., 1917-8; pom., Zeigler, 1918-9; teach. voc. agr., high-sch., Kimball, Neb., 1919-20; Las Cruces, N. Mex., 1920-1; Sheridan, Wyo., 1921-. Sec.-treas. N. E. Wyo. Certified Seed Growers Assoc., Wyo. State Assoc. Instr. Voc. Agr., More Beautiful Sheridan Club. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Benton, Ill., July 11, 1895; *s.* Pleasant Joseph and Caledonia Lee (Gooch) H.; reared in town; *m.* Agnes B. Forstling, Nov. 30, 1920; *c.* Wm. Jack. B.S.A., Univ. Ill., 1917. Sigma Kappa Zeta.

Howard, Hubbard Everett, teach. agr., Greely Inst., Cumberland Center, Me.

Served in A. E. F. —*b.* Wentworth, N. H., May 26, 1895; *s.* H. E. and Carrie E. (Day) H.; reared on farm and in town. B. S., Univ. N. H., 1923. Phi Mu Delta.

Howard, James Raley, farmer and feeder, Clemons, Ia.

Teach. rural and high-sch., 3 yrs.; cashier New Providence, Ia., State Bank, 5 yrs. 1st pres. Marshall Co., Ia., Farm Bur.; Ia. Farm Bur. Fed.; Amer. Farm Bur. Fed. —*b.* Marshall Co., Ia., Mar. 24, 1873; *s.* Henry C. and Jane (Adams) H.; reared on farm; *m.* Anna Pickerell, Dec. 27, 1900; *c.* Henry C., Robt. P., John, Janet. Ph.B., Univ. Chicago; A.M., Univ. Penn., 1897.

Howard, Leland Ossian, chief Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. ent., Bur. Ent., 1878-94; chief, 1894-; curator dept. insects, U. S. Nat. Museum, 1895-; consulting ent., U. S. Public Health Serv., 1904-. Trustee Cornell Univ., 1900-5. Fellow A. A. A. S., sec., 22 yrs., pres., 1920-; pres. Assoc. Econ. Ent., 1894; Biol. Soc., Washington, 1897-8; Washington Acad. Sci., 1916. Mem. Amer. Phil. Soc., Amer. Acad. Arts and Sci., and Nat. Acad. Sci.; hon. mem. many foreign scientific organizations. *Auth.*: Mosquitoes—How They Live, etc., 1901; The Insect Book, 1902; The House Fly-Disease Carrier, 1911; monograph of the mosquitoes of North and Central America and the West Indies (with H. G. Dyar and F. Knab), 4 vols., 1912-7. —*b.* Rockford, Ill., June 11, 1857; *s.* Ossian Gregory and Lucy Dunham (Thurber) H.; reared in city; *m.* Dora Clifton, Apr. 28, 1886; *c.* Lucy Thurber, Candace Leland, Janet Moore. B.S.,

Cornell Univ., 1877; M.S., 1883; Ph.D., Georgetown Univ., 1896; M.D., George Washington Univ., 1911; LL.D., Univ. Pittsburg, 1911; Sc.D., Univ. Toronto, 1921. Delta Upsilon.

Howard, Margaret; see Simrall, Margaret Howard.

Howard, Neale Frederick, assoc. ent. in chg. Mex. bean beetle invests., U. S. Dept. Agr., 6427 First Ave., Birmingham, Ala.

Asst., Univ. Wis., 1914; grad. asst., Ohio State Univ., 1915-6. 1st Lieut. Sanitary Corps, U. S. Army, 1918-9. —*b.* Milwaukee, Wis., Nov. 5, 1890; *s.* Wm. J. T. and Martha (Grimshaw) H.; reared in city and on farm; *m.* Lena Shoots, June 24, 1917. B.S., Univ. Wis., 1914; M.S., 1918. Sigma Xi; Sigma Phi Epsilon.

Howard, Robert Francis, plantation operator and grower of pecans, Wharton, Tex.

Asst. hort., Univ. Neb., 1908-12; asst. prof. hort., Univ. Wis., 1912-4; formerly chm. dept. hort., Univ. Neb. —*b.* Griffin, Mo., Feb. 16, 1883; *s.* Henry and Nancy (Cooper) H.; reared on farm; *m.* Florence Whittier, Apr. 9, 1914; *c.* Jane, Bernice, Philip. B.S.A., Univ. Mo., 1908; M.A., Univ. Neb., 1912. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Howard, Walter Lafayette, prof. pom. and dir. of branch of Coll. of Agr., Univ. Calif., Davis, Calif.

Asst. hort., Univ. Mo., 1901-3; instr., 1903-5; asst. prof., 1905-8; prof., 1908-15; prof. pom., Univ. Calif., 1915-; acting dir. branch of Coll. Agr., 1924-. Sec. Mo. State Bd. Hort., 1908-12; asst. sec. Amer. Soc. for Hort. Sci., 1914, pres., 1915. Fellow A. A. A. S. Traveled in Europe, Africa and Cuba. *Auth.*: Propagation of Trees and Plants, 1905; The Home Garden, 1905; Uses of Hotbeds and Coldframes, 1907. City ed., Springfield, Mo., Leader-Democrat, 1894-5. —*b.* near Springfield, Mo., May 12, 1872; *s.* Henry T. and Nancy E. (Cooper) H.; reared on farm; *m.* Maybelle Cooper, June 25, 1908; *c.* Thos. Henry, Robt. Cooper, Edwin Lewis, Walter Egner. B.S., and B.Agr., Univ. Mo., 1901; M.S.A., 1903; Ph.D., Univ. Halle-Wittenberg, 1906. Sigma Xi; Gamma Sigma Delta; Sigma Kappa Zeta; Alpha Zeta.

Howe, Frank William, prof. farm econ., Joseph Slocum Coll. of Agr., Syracuse Univ., Syracuse, N. Y.

Teach. rural schs., Mich., 1885-7; ed. Christian Educator, Battle Creek, 1897-9; princ. Petoskey high-sch., 1900-2; supt. schs., Mancelona, Charlevoix, Mich. and Maumee, O., 1902-7; instr. farm crops, Mich. Agr. Coll., 1908; asst. agrl. educ., U. S. Dept. Agr., 1909-10; specialist in agrl. educ., N. Y. State Educ. Dept., 1910-2; present position, 1912-. Mem. N. Y. Comn. on Country Boys Leaving Home; mem. N. Y. State Council of Farms and Markets. —*b.* Kent Co., Mich., Apr. 19, 1865; *s.* Joseph L. and Lovina C. (Cryderman) H.; reared on farm; *m.* Edith M. Brown, 1902; *c.* Milward L., Allison J. Douglas K., Vernon S., E. Ronald. A.B., Univ. Mich., 1893; M.S., Mich. Agr. Coll., 1909; D.Agr., Syracuse Univ., 1920.

Howe, George Henry, assoc. hort. res., N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Asst. hort., N. Y. State Agr. Exp. Sta., 1910-8; assoc., 1919-. Chg. agrl. reconstruction program for disabled soldiers, Walter Reed General Hospital, Washington, 1918. (Pom.). —*b.* Jericho, Vt., Feb. 9, 1888; *s.* Fred W. and Clara K. (Collins) H.; reared in village and on farm. B.S., Univ. Vt., 1910. Alpha Zeta.

Howell, Augustus T., broom specialist, W. Va. Dept. Agr., Charleston, W. Va.; Apr. 21, 1847-Oct. 10, 1921. See Rus 1920.

Howell, Carroll Evan, asst. prof. an. husb., Univ. Calif., Davis, Calif.

Instr., Wash. State Coll., 1915-7; asst. prof. an. husb., 1917-20; present position, 1920-. Instr. Camp Taylor, Ky., 1918-9. —*b.* Holliday, Mo., Feb. 7, 1892; *s.* Henderson Allen and Sarah Elizabeth (Williams) H.; reared on farm. B.S.A., Univ. Mo., 1915; M.S., Wash. State Coll., 1917. Sigma Chi; Gamma Sigma Delta.

Howell, Herbert Badollet, co. agrl. agt., Grants Pass, Ore.

Manag. State Hospital farms, Warren, Pa., 1917-20; manag. Preston Farms, Jamestown, N. Y., 1920-1; agt. Josephine Co., Ore., 1921-. (Dairying, grape-growing). —*b.* Astoria, Ore., Oct. 8, 1894; *s.* Wellington G. and Jennie (Badollet) H.; reared in city and country; *m.* Margaret C. Wiest, Jan. 16, 1918; *c.* Dorothy Jean, Joan Margaret. B.S., Ore. Agr. Coll., 1916. Sigma Chi.

Howell, L. J., teach. voc. agr., Pickens Co. High-Sch., Reform, Ala.

Princ. Winston Co. High-Sch., 1914-8; present position, 1918-. Dir. Pickens Co. Farm Bur.; sec. Reform Chamber of Commerce; sec. dept. voc. educ., Ala. Educ. Assoc., 1925; del. to Ala. State Democratic Conv., 1922. —*b.* Hamilton, Ala., Nov. 19, 1886; *s.* John Houston and Fannie Kathrine (Clark) H.; reared on farm; *m.* Annie Hazel Howell, June 9, 1915; *c.* Mildred Louise, Carmer Edwina. B.S., Ala. Poly. Inst., 1914.

Howell, Moses Elijah, teach. voc. agr. and supt. Heard Co. High-Sch., Franklin, Ga.

Head an. husb. dept., 5th Distr. A. & M. Sch., Monroe, Ga., 1920-2; present position, 1922-. Served in U. S. Army, 1918-9. (An. husb.). —*b.* Ball Ground, Ga., Nov. 23, 1888; *s.* Larkin and Sarah Elizabeth (Darby) H.; reared on farm. B.S.A., Univ. Ga., 1920.

Howell, William Claiborne, head dept. agrl. engin., Miss. A. & M. Coll., Agricultural College, Miss.

Instr. physics, Miss. A. & M. Coll., 1915-6; instr. agrl. engin., 1917-8, 1920-2; head dept., 1922-. Served in U. S. Army, 1918-9. (Power machinery). —*b.* Pittsboro, Miss., Dec. 22, 1895; *s.* Robt. L. and Cellie Malinda (Vann) H.; reared on farm and in town; *m.* Leland Baskin Reid, Jan. 15, 1920. B.S., Miss. A. & M. Coll., 1915.

Howell, William Ford, co. agrl. agt., Lancaster, S. C.

Served in Inf., U. S. Army, 1918-9. (Farm econ., agrl. journalism). —*b.* Rock Hill, S. C., Sept. 15, 1893; *s.* John W. and Annie (Parker) H.; reared on farm; *m.* Elfreida Poag, Oct. 6, 1920; *c.* Margaret Anne, Elfreida. B.S., Clemson Agr. Coll., 1918; student Univ. Bristol, England, 1919.

Howerton, Allen Dean, teach. voc. agr., high-sch., W. Point, Ind.

Asst. instr., Purdue Univ., 1923-4; present position, 1924-. —*b.* Wayne Township, Ind., Dec. 7, 1898; *s.* Andy J. and Annie E. (Kline) H.; reared on farm; *m.* Edithe L. Simmons, June 23, 1923; *c.* Dale Edward. B.S.A., Purdue Univ., 1923. Alpha Gamma Rho; Alpha Zeta.

Howerton, Joel Doan, co. agrl. agt., Meridian, Miss.

In chg. agr., high-sch., Lamar Co., Miss., 1915-6; agrl. agt. Adams Co., Miss., 1917-9; Lauderdale Co., 1919-. —*b.* Iuka, Miss., Nov. 11, 1892; *s.* Geo. T. and Lula (Doan) H.; reared on farm; *m.* Flora Jackman, Sept. 6, 1918. B.S., Miss. A. & M. Coll., 1915.

Howes, Ernest Albert, dean Coll. Agr., Univ. Alta., Edmonton, Alta.

Supt. plot tests, Seed Branch, Ottawa, 1911-2; prof. field husb., Univ. Nev., 1912-3; princ. Sch. Agr., Vermillion, Alta., 1912-5; present position, 1915-. —*b.* Henry, Ont., Mar. 21, 1862; *s.* Joseph and Sarah Jane (McNally) H.; reared on farm; *m.* Nora Kathleen Lindsay, Dec. 31, 1906; *c.* Nora Kathleen, Jessie Evelyn, Mona McNally. Grad. Ont. Agr. Coll., 1911.

Howes, Thomas Hawley, co. agrl. agt., Fayetteville, W. Va.

Manag. Willow Farm, Millet, Alta., 1908-12; manag. Firestone Farms, Akron and Columbiana, O., 1916-8; asst. prof. agr., Bethany Coll., 1918-20; prof., 1920-2; agrl. agt. Fayette Co., W. Va., 1922-. —*b.* Holyoke, Mass., Jan. 13, 1888; *s.* Micajah J. and Flora (Hawley) H.; reared in city and on farm; *m.* Ruth B. Bloom, June 19, 1917; *c.* Marion Esther, Annie Louise, Irma Francis. B.S.A., Bethany Coll., 1920.

Hoy, Benjamin, distr. hort., B. C. Dept. Agr., Kelowna, B. C.

Formerly asst. hort., Vernon, B.C.; chief hort. for interior, B. C.; manag. C. Aikins fruit ranch, Naramanta; officer in chg. codlin-moth control, Kelowna, 1922; present position, 1923-. (Orchard manag.). —*b.* Fall River, Mass., Feb. 12, 1888; *s.* Jas. and Mary J. H.; reared on farm; *m.* Ruby Elliott, Aug. 31, 1918. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1909.

Hoyle, Samuel Cooke, ed. ext. serv. publications, Tex. A. & M. Coll., College Station, Tex.

Reporter and ed. several country weekly papers; asst. ed. Corsicana Daily Sun, Tex.; city ed., Bryan, Tex., Daily Eagle; ed. Tex. farm news columns, Progressive Farmer. (Agrl. publicity). —*b.* Athens, Tenn., June 10, 1873; *s.* P. W. and Elizabeth (Wilson) H.; reared on farm; *m.* Mable Angelina Board, June 5, 1901; *c.* Samuel C. Jr. A.B., Emory Univ., Atlanta, Ga., 1895. Sigma Nu.

Hrutfiord, Skuli, co. agrl. agt., Clarkfield, Minn.

Manag. dairy farm, Duluth, Minn., 1917-9; asst. in soils, Univ. Minn., 1923. —*b.* Duluth, Minn., July 10, 1897; *s.* Leifur and Solvieg (Bjornson) H.; reared on farm. B.S., Univ. Minn., 1922. Alpha Zeta; Gamma Sigma Delta; Delta Upsilon.

Hubbard, Henry Vincent, prof. lands. arch., Harvard Univ., Cambridge, Mass.

Instr. lands. arch., Harvard Univ., 1906-11; asst. prof., 1911-21; prof., 1921-. Mem. Pray, Hubbard and White, lands. arch., 1906-18; mem. Olmsted Bros., 1920-. Fellow Amer. Soc. Lands. Arch.; mem. Amer. City Planning Inst.; mem. British Town Planning Inst.; asst. manag. Town Planning Div., U. S. Housing Corp., 1918-9. *Auth.:* (with Theodora Kimball) An Introduction to the Study of Landscape Design, 1917. *Ed.,* Landscape Architecture, 1910-; City Planning, 1925-. —*b.* Taunton, Mass., Aug. 22, 1875; *s.* Chas. Thacher and Clara Isabel (Reed) H.; reared in town; *m.* Theodora Kimball, June 7, 1924. A.B., Harvard Univ., 1897; A.M., 1900; B.S., 1901.

Hubbard, Theodora Kimball, lands. arch., Robinson Hall, Cambridge, Mass.

Librarian, Harvard Univ. Sch. Lands. Arch., 1912-24; corresponding mem. Amer. Soc. Lands. Arch.; hon. librarian, Amer. City Planning Inst.; assoc., British Town Planning Inst. *Auth.:* (with H. V. Hubbard) An Introduction to Study of Landscape Design, 1917; Manual of Information on City Planning, 1923. *Assoc. ed.,* Landscape Architecture. —*b.* Newton, Mass., Feb. 26, 1887; *d.* Edwin Fiske and Ellen Leora (Ripley) Kimball; reared in town; *m.* Henry Vincent Hubbard, June 7, 1924. S.B., Simmons Coll., 1908; M.S., 1917.

Hubbard, William Woodbridge, farmer, fruit grower and broker, Fredericton, N. B.

Sec. and teach., Sussex Dairy Sch., 1893-5; ed. Maritime Farmer, Sussex, N. B., 1895-1901; ed. Maritime Homestead, Halifax, 1901-3; agrl. agt., Canadian Pacific Ry., 1902-4; mem. and sec. Royal Agrl. Comn. of N. B., 1908-9; sec. for agr. of N. B. and supt. farmers insts., 1909-12; supt. Dominion Expl. Sta., Fredericton, N. B., 1912-21. Sec. Provincial Farmers Assoc., 1888-93; sec. Farmers and Dairymens Assoc. of N. B., 1893-1904; sec. Maritime Stock Breeders Assoc., 1896-1903. —*b.* Burton, N. B., Aug. 4, 1866; *s.* F. Ambrose and Susan H. (Wilmot) H.; reared on farm; *m.* A. L. Gregory, Aug. 17, 1893; *c.* Gerald A. Educ. Ont. Agr. Coll.

Hubbell, Howard, state sec. Y. M. C. A., Nashville, Tenn.

b. Makanda, Ill., Sept. 9, 1874; *s.* W. H. and Elizabeth (Du Bois) H.; reared on farm; *m.* Belle T. Tevis, Oct. 27, 1904; *c.* Sallie Belle. B.S., N. D. Agr. Coll., 1900; B.A.S., Y. M. C. A. Coll., Chicago, 1908; grad. student Univ. Neb., 1 yr.

Hubert, Benjamin Franklin, dir. agr., Tuskegee Normal and Ind. Inst., Tuskegee Institute, Ala.

Dir. agr. and agrl. ext. serv., State A. & M. Coll., Orangeburg, S. C., 1912-8; present position, 1920-. Supt. S. C. State Fair Assoc., 1915-20. Special agt., U. S. Food Adminis., 1917-8; superv. agrl. instr. colored troops, Amer. Army Educ. Corps, in France, 1918-9. *Ed.*, Palmetto Farmer, 1913-7. —*b.* White Plains, Ga., Dec. 25, 1883; *s.* Zack and Camilla (Hillman) H. (col.); reared on farm. A.B., Morehouse Coll., 1909; B.S.A., Mass. Agr. Coll., 1912; grad. student Univ. Minn., 1923-4.

Hucker, George James, assoc. in res. bact., N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Asst. prof. biol., Allegheny Coll., Meadville, Pa., 1916-8; special agt., U. S. Dept. Agr., 1918; asst. in res., N. Y. State Agr. Exp. Sta., 1919-22, assoc., 1923-. Lieut. U. S. Army Med. Serv., 1918-9. —*b.* Cascade, Ia., Aug. 19, 1893; *s.* Jas. B. and Ella (Pangburn) H.; reared on farm; *m.* E. Alice MacKenzie, Sept. 4, 1917. B.S., Lenox Coll., Hopkinton, Ia., 1915; A.M., Columbia Univ., 1916; Ph.D. and Cutler fellow, Yale Univ., 1924. Sigma Xi.

Huckett, Grace Watkins, household ed. American Agriculturist, 461 Fourth Ave., New York, N. Y.

Teach. primary grades, Beckville, Tex., 1906-8; teach. English, Cleburne, Tex., 1910-2; head home econ. dept., high-sch., Paris, Tex., 1913-8; home dem. agt. Nassau Co., N. Y., 1918-22; asst. state home dem. leader, Cornell Univ., 1922-3; present position, 1925-. —*b.* Minden, Tex., Dec. 15, 1887; *d.* Geo. Isham and Delia (Wright) Watkins; reared in village; *m.* Hugh Cecil Huckett, Sept. 12, 1923. Grad. Coll. Ind. Arts, Denton, Tex.; B.S., Teach. Coll., Columbia Univ.

Hudelson, Robert R., Doane Agrl. Serv., St. Louis, Mo.

Asst. agron., Univ. Mo., 1912-3; instr., 1913-5; asst. prof., 1915-9; assoc. prof., 1919-22; present position, 1922-. 1st Lieut. Field Art., U. S. Army, 1917-8, Capt., 1918-9. —*b.* Chambersburg, Ill., Feb. 20, 1886; *s.* Henry C. and Kathryn (Brook) H.; reared on farm. B.S., Univ. Ill., 1912; A.M., Univ. Mo., 1915. Sigma Xi.

Hudson, Cassius Rex, state agt. farm dem. work, N. C. State Coll., Raleigh, N. C.

Teach. public schs., 1 yr.; prof. agr., distr. high-sch., 1 yr.; work on cotton wilt in Ala. for U. S. Dept. Agr., 1 yr. —*b.* Wedowdee, Ala., Apr. 22, 1881; *s.* Felix T. and Mary (Parker) H.; reared on farm; *m.* Josephine Scott, 1911; *c.* Rex, Robt., Seaman, Frances. B.S., Ala. Poly. Inst., 1904; M.S., 1905.

Hudson, Katharine, asst. prof. food econ. and nutr., Kans. State Agr. Coll., Manhattan, Kans.

Chem. div. foods and dairy, Ill. Dept. Agr., 1918; head diet sch., Johns Hopkins Hospital, 1919-20; instr. food econ. and nutr., Kans. State Agr. Coll., 1920-2; asst. prof., 1923-. —*b.* Lincoln, Ill., Aug. 29, 1896; *d.* Fred G. and Grace (Traner) H.; reared in town. B.S., Univ. Wis., 1918; M.S., Columbia Univ., 1923. Alpha Chi Omega; Omicron Nu.

Hudson, Robert Bowman, minister, Lewisburg, W. Va.

Mem. Bd. Dirs. Lewisburg Sem. and Junior Coll., 8 yrs., pres., 4 yrs. Pres. Monroe Co. Farm Bur., 8 yrs.; sec. W. Va. Fed. Farm Burs., 1 yr.; mem. for W. Va., House of Delegates, Amer. Fed. Farm Burs. (Betterment of country life conditions). —*b.* Dublin, Va., Feb. 9, 1873; *s.* Isaac Hudson and Annie (Bowman) H.; reared in village; *m.* Elizabeth Cloyd Kent; *c.* Ellen H., Elizabeth C., Robt. B. Jr., Margaret K. A.B., Roanoke Coll., 1895; B.D., Ky. Theol. Sem., 1898. Phi Delta Theta.

Huey, Linton Douglas, teach. voc. agr., high-sch., Spencerport, N. Y.

Private Inf., U. S. Army, 1918-9. —*b.* Tyrone, N. Y., Aug. 7, 1895; *s.* Joseph Orman and Jane (Henderson) H.; reared on farm; *m.* Helen Marie Van Liew, June 21, 1924. B.S., Cornell Univ., 1923.

Huey, Ray, asst. statistician, State Dept. Farms and Markets, Albany, N. Y.

Formerly teach. agr., high-sch., Newark, N. Y. —*b.* Tyrone, N. Y., Jan. 16,

1887; *s.* Joseph and Jane (Henderson) H.; reared on farm. B.S., Cornell Univ., 1914. Kappa Phi.

Huey, Samuel Robert, instr. agr., high-sch., Avon, Ill.

Farmer, Ill., 1913-7; princ. Timber Township High-Sch., Glasford, Ill., 1920-2; present position, 1922-. Sergeant U. S. Army, 1917-9. (Rural athletics). —*b.* Swanwick, Ill., Oct. 7, 1893; *c.* Wilson A. and Mary Ann (Barber) H.; reared on farm; *m.* Hester L. Carter, July 28, 1920; *c.* Robt. Carter, Harvey Lee. Student Univ. Ill.

Huffer, Edith V., home dem. agt., Sapulpa, Okla.

Teach. Okla. public schs., 7 yrs.; farmer, 6 yrs. —*b.* Plymouth, Ind., July 26, 1889; *s.* Thos. Jefferson and Mary Olive (Brindley) H.; reared on farm. Student Cent. State Normal Sch., Okla.

Huffington, Jesse Marion, co. agrl. agt., Annapolis, Md.

Served in Inf., U. S. Army, 1918-9. —*b.* Allen, Md., Nov. 10, 1896; *s.* Jonathan and Rosa C. (Parker) H.; reared on farm. B.S., Univ. Md., 1922; fellow Nat. Res. Council, Univ. Md., 1922-3, Clemson Agr. Coll., 1923-4.

Hughes, Cecil A., co. agrl. agt., Petersburg, Ill.

Farm manag., Univ. Ill., 1914-5; farmer and teach. ext. schs., 1915-6; agt. Monroe Co., W. Va., 1916-8; Noxubee Co., Miss., 1918; Jefferson Co., W. Va., 1918-20; Menard Co., Ill., 1920-. —*b.* Hugo, Ill., Apr. 23, 1889; *s.* Stephen A. D. and Frances P. (Lemmon) H.; reared on farm; *m.* Myrtle Rehner, Dec. 22, 1915. B.S., Univ. Ill., 1914. Alpha Zeta.

Hughes, Daniel Patrick, princ. Dunn Co. Sch. Agr. and Dom. Econ., Menomonie, Wis.

Teach. country sch., Clark Co., Wis., 1901-2; princ. graded sch., Neillsville, 1905-7; princ. high-sch., Waldo, 1909-15; present position, 1917-; agrl. agt. Dunn Co., 1917-9. Treas. Wis. Northwestern Teach. Assoc.; sec. Wis. Smith-Hughes Voc. Agrl. Educ. Teach. Assoc.; sec. Dunn Co. Holstein Breeders Assoc.; sec. Dunn Co. Guernsey Breeders Assoc.; sec. Dunn Co. Grain Growers Assoc.; pres. Dunn Co. Hort. Soc.; vice-pres. Wis. Dairymens Assoc. —*b.* Neillsville, Wis., Mar. 1, 1879; *s.* Wm. and Hannah (Collins) H.; reared on farm; *m.* Loyola McComas, June 29, 1915; *c.* Joseph Michael. Grad. Stevens Point State Normal, 1909; B.S.A., Univ. Wis., 1917.

Hughes, Elmer Howard, assoc. prof. an. husb., Univ. Calif., Davis, Calif.

Asst. an. husb., Univ. Mo., 1913-4; instr., 1914-5; asst. prof., 1915-7; asst. to dean and dir. and supt. short courses, 1917-20; present position, 1920-. 2d Lieut., U. S. Army, 1918-9. —*b.* Rewey, Wis., Apr. 8, 1887; *s.* John T. and Sarah (Rundell) H.; reared on farm; *m.* Beulah Baker, July 9, 1912. B.S.A., Univ. Wis., 1912; A. M., Univ. Mo., 1916. Kappa Alpha; Gamma Sigma Delta; Alpha Zeta.

Hughes, Harold DeMott, prof. farm crops, Ia. State Coll., Ames, Ia.

Instr. agron., Univ. Mo., 1908-10; prof. farm crops, Ia. State Coll. and chief in Exp. Sta., 1910-. —*b.* Antioch, Ill., Jan. 16, 1882; *s.* Hugh D. and Jessie (Yule) H.; reared on farm; *m.* Lulu Lego, 1909; *c.* John Daniel, Alice. B.S., Univ. Ill., 1907; M.S.A., Univ. Mo., 1908. Sigma Xi; Alpha Zeta; Phi Beta Phi.

Hughes, Hugh John, dir. markets, State Dept. Agr., St. Paul, Minn.

Teach. high-sch. and coll., 10 yrs.; farmer, N. D., 1901-7; ed. Farm, Stock and Home, Minneapolis, 1910-9; present position, 1919-. Mem. 1st Minn. Efficiency Comn. (Rural sociol. and econ.). —*b.* Milwaukee, Wis., Aug. 4, 1872; *s.* Hugh J. and Sarah E. (Lloyd) H.; reared on farm; *m.* Alsie Vivian Sackett, 1898; *c.* Frances Eleanor, Winnifred Eunice, Leslie Hugh. Alsie Retta. B.S., Lawrence Coll., 1898; B.S.A., N. D. Agr. Coll., 1909.

Hughes, William L., prof. rural educ., Tex. A. & M. Coll., College Station, Tex.

b. Tex., 1877; *s.* W. O. and Elizabeth (Standlee) H.; reared on farm; *m.* Fannie B. Mason, 1909; *c.* Wm. L. Jr., Holloway. B.A., Howard Payne Coll., 1920; B.S., Tex. A. & M. Coll., 1921; M.S., 1922.

Hulbert, Arthur Mauvah, state club leader, Rutgers Univ., New Brunswick, N. J.

Vice-princ. high-sch., Rutherford, N J., 1894-5; princ. grammar sch., Dumont, 1895-9; Cresskill, 1900-1; supt. and princ. high-sch., Park Ridge, 1901-17; present position, 1917-. —*b.* Brookside, N. J., Sept. 15, 1870; *s.* John F. and Sarah E. (Baird) H.; reared on farm; *m.* Sarah Eva De Hart; *c.* Marguerite D., Katherine E.

Hulbert, Harold Watkins, prof. agron., Univ. Ida., Moscow, Ida.

Teach. agr., high-sch., Otsego, Mich., 1915-6; teaching fellow Ia. State Coll., 1916-7; instr. agron., Univ. Ida., 1917-8; asst. prof., 1918-20; assoc. prof., 1920-4; prof., 1924-. —*b.* Owosso, Mich., Nov. 11, 1892; *s.* Clarence P. and Hattie M. (Smith) H.; reared on farm; *m.* Celine Regina Goethals, Sept. 29, 1919; *c.* Harold Raymond. B.S., Mich. Agr. Coll., 1915; M.S., Ia. State Coll., 1917. Acacia.

Hulbush, Nora Louise, home dem. agt., Helena, Mont.

Teach. high-sch., Geraldine, Mont., 1918-20; Great Falls, 1920-3; home dem. agt., Lewis and Clark Co., 1923-. Mem. council State Home Econ. Assoc. —*d.* Wm. Thos. and Louise (Archer) H.; reared on ranch. Student Northwestern Univ., Stout Inst.

Hulce, Ray Stillman, prof. an. husb., Univ. Wis., Madison, Wis.

Instr. dairy husb., Univ. Ill., 1911-7; farmer, 1917-8; present position, 1918-. (Dairying). —*b.* Sugar Creek, Wis., June 20, 1884; *s.* Albert and Ella (Weaver) H.; reared on farm; *m.* Lenna S. Baker, Dec. 30, 1915. B.S.A., Univ. Wis., 1911; M.S., Univ. Ill., 1913. Gamma Alpha.

Hull, Daniel Ray, chief lands. engin., Nat. Park Serv., Dept. of Interior, 603 I. W. Hallman Bldg., Los Angeles, Calif.

Asst. prof. lands. gard., Wash. State Coll., 1917. Planning expert, U. S. War Dept. Mem. Amer. Soc. Lands. Arch. Traveled in Europe. —*b.* Lincoln, Kans., Apr. 29, 1890; *s.* O. V. and Clara (Mitchell) H.; reared in town; *m.* Emma Dorothy Kammeyer, 1916; *c.* Herbert Mitchell. B.S., Univ. Ill., 1913; M.L.A., Harvard Univ., 1914.

Hull, Isaac Harvey, farmer, Hanna, Ind.

Served in Ind. General Assembly, 1922, 1925. Dir. Ind. Farm Bur., 4 yrs. (Coop. marketing). —*b.* Saunemin, Ill., Aug. 14, 1884; *s.* Wm. and Elizabeth (Boys) H.; reared on farm; *m.* Minnie Gibson, Feb. 20, 1916; c. Jas., Mary L., Ethel M., Leonard E. B.S., Northwestern Univ., 1909. Delta Tau Delta.

Hull, Nathan P., farmer and pres. Grange Life Insurance Co., Lansing, Mich.

Farmers inst. lect., Mich. Agr. Coll., 15 yrs. Dir Capital Nat. Bank; dir. Fed. Reserve Bank. Pres. Nat. Dairy Union; pres. Mich. Milk Producers Assoc.; past master Mich. State Grange. —*b.* Dimondale, Mich., Nov. 7, 1867; *s.* John and Sarah J. (Pray) H.; reared on farm; *m.* Grace E. Bellows, June 30, 1897; *c.* John W. Student Mich. Agr. Coll. and Olivet Coll.

Hultz, Fred Samuel, head an. husb. dept., Univ. Wyo., Laramie, Wyo.

Asst. an. husb., Penn. State Coll., 1917-8; asst. prof., 1919-21; assoc. prof., 1922; assoc. prof. an. husb., Univ. Wyo., 1922; prof., 1923-. Athletic dir. Y. M. C. A., France, 1918-9. —*b.* Des Moines, Ia., Oct. 3, 1893; *s.* Geo. B. M. and Grace May (Hulsizer) H.; reared in town and country; *m.* Helen Parry Samuels, Aug. 16, 1919; *c.* Donald Parry. B.Sc., Ia. State Coll., 1915; M.Sc., 1917. Alpha Tau Omega.

Humbert, Eugene Peter, plant-breeder in chg. div., Tex. Exp. Sta., College Station, Tex.

Instr. farm crops, Ia. State Coll., 1906-7; asst. plant-breeding, Cornell Univ., 1908-10; plant physiologist, U. S. Dept. Agr., 1910-1; assoc. biol., Me. Exp. Sta., 1911-2; agron., N. Mex. A. & M. Coll., 1912-6; present position,

1916-. —*b.* Corning, Ia., Sept. 1, 1881; *s.* Peter P. and Lucy R. (Mathis) H.; reared on farm; *m.* Ella Clark Adams, Sept. 7, 1909; *c.* Bertha Ellen, Robt. Pierre, John Leroy. B.S.A., Ia. State Coll., 1906; M.S., Cornell Univ., 1908; Ph.D., 1910. Sigma Xi; Phi Kappa Phi; Delta Upsilon.

Hume, Albert Nash, agron., S. D. State Coll. and Exp. Sta., Brookings, S. D.

Instr., Purdue Univ., 1902; Winona Agrl. Inst., 1903; instr., assoc., asst. prof., Univ. Ill., 1903-11; present position, 1912-. Sec. S. D. State Corn and Grain Growers Assoc. Fellow A. A. A. S. —*b.* Plymouth, Ind., Dec. 3, 1878; *s.* Albert Campbell and Mary Elizabeth (Nash) H.; reared on farm and small town; *m.* Anna Ruth Thomson, July, 1903; *c.* Albert Thomson, Robt. Arthur, David Lang. B.S.A., Purdue Univ., 1900; M.S., 1902; Ph.D., Goettingen Univ., 1910. Sigma Xi.

Hume, H. Harold, hort., Glen St. Mary, Fla.

Bot. and hort., Fla. Agr. Coll., 1899-1904; hort., N. C. Exp. Sta. and state hort., 1904-6; sec. and manag. Glen St. Mary Nurseries, 1906-7, vice-pres. and sec., 1907-; pres. E. O. Painter Fert. Co., Jacksonville, Fla., 1918-. Ex-pres. Fla. State Hort. Soc. Studied citrus cult. in Spain, 1912. *Auth.*: Citrus Fruits and Their Culture, 1904; The Pecan and Its Culture, 1906. —*b.* Russell, Ont., June 13, 1875 (naturalized 1912); *s.* John and Ellen (McIntyre) H.; reared on farm; *m.* Emily Georgia Norman, 1900; *c.* Edward Grisdale, Harold Norman. B.S.A., Ia. State Coll., 1899; M.S., 1901. Phi Kappa Phi.

Hummel, William Granville, state dir. voc. educ., Olympia, Wash.

Instr. farm mech. and dairying, Colo. Agr. Coll., 1908; instr. agron. and farm mech., N. Mex. A. & M. Coll., 1908-9; teach. agr., high-sch., Oxnard, Calif., 1909-10; Fresno high-sch. and Junior Coll., 1910-1; instr. agrl. educ., Univ. Calif., 1911-2; asst. prof., 1912-4; assoc. prof., 1914-8; prof., 1918-9; on leave 1917-8, acting as agrl. agt. for Fed. Bd. for Voc. Educ., Washington, D. C., and asst. dir. for agrl. educ., 1918-9; state dir. voc. educ., Pullman, Wash., 1919-. *Auth.*: Materials and Methods in High School Agriculture, 1913. —*b.* Roberts, Ill., Feb. 19, 1882; *s.* John and Sarah M. (Upson) H.; reared on farm; *m.* Bertha Ella Royce, 1907. B.S., Univ. Ill., 1907; M.S., Univ. Calif., 1912. Phi Delta Kappa; Sigma Pi.

Hummer, George A., apiarist, Prairie Point, Miss.

Bee specialist, Miss. A. & M. Coll., 1918-9. —*b.* Iowa City, Ia., Jan. 26, 1853; *s.* Wenzel and Mary (Deckleman) H.; reared on farm; *m.* Jennie E. Jones, Mar. 25, 1873; *c.* Leigh W., Lillian L., Earl W., Pearl M., Glenn, Geo. A. Jr.

Humpherys, LeGrande Rich, practicing civil and irrig. engin., Logan, Utah.

Teach. Fielding Acad., Paris, Ida., 1906-11; instr. farm mech., Utah Agr. Coll., 1912-3; asst. prof., 1913-7; assoc. prof., 1917-20. —*b.* Paris, Ida., June 28, 1884; *s.* Hyrum T. and Caroline W. (Rich) H.; reared on farm; *m.* Nettie Wright, Sept. 2, 1908; *c.* Russell, Dean, Max. B.S., Utah Agr. Coll., 1912.

Humphrey, Clarence John, path. in chg. For. Products Lab., Madison, Wis.

Asst. mycology, Cornell Univ., 1907-9; lect. for. path., Univ. Wis., 1913-. Fellow A. A. A. S. *Assoc. ed.*, Phytopathology, 2 yrs. (Timber decay, Basidiomycetes). —*b.* Cleveland, O., Mar. 3, 1882; *s.* Henry Alonzo and Wealthy Arvilla (Knapp) H.; reared in city and on farm; *m.* Blanche Newton, June 18, 1913; *c.* Herbert Newton. A.B., B.Sc., Univ. Neb., 1906; grad. student Cornell Univ., 2 yrs. Sigma Xi.

Humphrey, George Colvin, prof. and chm. dept. an. husb., Univ. Wis., Madison, Wis.

From instr. to prof. an. husb., Univ. Wis., 1901-. —*b.* Palmyra, Mich., Feb. 13, 1875; *s.* Geo. and Sarah C. (Colvin) H.; reared on farm; *m.* Eva Doty, June 25, 1902. B.S., Mich. Agr. Coll., 1901.

Humphrey, Harold Nelson, farmer and div. rep. Dairymens League, Inc., Campbell, N. Y.

Sci. asst., Off. Farm Manag., U. S. Dept. Agr., 1911-7; States Relations Serv., 1917-8; formerly agt. Steuben Co., N. Y. and Bath, N. Y. —*b.* Roxbury, N. Y., June 1, 1887; *s.* Daniel S. and Oliva A. (Beardslee) H.; reared on farm; *m.* Leona Jane Simmons, Dec. 4, 1913. B.S.A., Cornell Univ., 1911. Sigma Phi Sigma.

Humphrey, Harry Baker, path. in chg. cereal disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. Leland Stanford Jr. Univ., 1905-8; prof. plant path., Wash. State Coll., 1912-3; bot. and plant path., and vice-dir. Exp. Sta., 1912-3. Botanical ed., Cree-Binner Pub. Co., Santa Rosa, Calif., 1907. Fellow A. A. A. S. —*b.* Granite Falls, Minn., Aug. 4, 1873; *s.* John Wadsworth and Adeline (Regester) H.; reared on farm; *m.* Olive A. Mealey, June 10, 1901; *c.* Llewelyn M., Robt. R., Helen W., Isabel Estella, Harry B., John W. D. B.S., Univ. Minn., 1899; Ph.D., Leland Stanford Jr. Univ., 1907. Sigma Xi.

Humphrey, Robert Abel, farmer, Sioux Falls, S. D.

Teach. sci., high-sch., Marshall, Minn., 1911-2; teach. agr., high-sch., Chatfield, 1914-5; fieldman, Marathon Co. Agrl. Sch., Wausau, Wis., 1916-7; formerly agrl. agt. Winona Co., Minn. —*b.* Wild Rose, Wis., Mar. 5, 1886; *s.* John and Margret (Williams) H.; reared on farm; *m.* Goldie Ethel McLaird, June 12, 1918. B.A., Ripon Coll., Wis., 1911; M.S., Univ. Wis., 1914.

Humphreys, Albert Orgain, prof. agr. and biol., high-sch., Greenwood, Del.

Insp. gypsy moth control, N. J. Dept. Agr., 1 yr. 2d Lieut. O. R. C. —*b.* Centerville, Del., Mar. 31, 1900; *s.* John Wesley and Mary Stuart (Orgain) H.; reared on farm. B.S., Univ. Del. Phi Kappa Tau.

Hungerford, Charles William, prof. plant path. and plant path. Exp. Sta., Univ. Ida., Moscow, Ida.

Princ. high-sch., Houston. Minn., 1910-1; supt., 1911-3; asst. bot., Univ. Wis., 1913-4; asst. plant path., 1914; sci. asst. cereal invests., U. S. Dept. Agr., 1915-7; asst. path., 1917-9; present position, 1919-. Fellow A. A. A. S. (Diseases of field crops). —*b.* Fillmore Co., Minn., Feb. 26, 1885; *s.* J. B. and Alice (Moore) H.; reared on farm; *m.* Ruth Partridge, June 11, 1913; *c.* Kenneth Eugene, Doris Olive, Chas. Roger. B.S., Upper Ia. Univ., 1910; M.S., Univ. Wis., 1915. Sigma Xi.

Hungerford, De Forest, co. agrl. agt., Newman, Ga.

Grad. asst. and instr. soils, Univ. Minn., 1910-4; formerly asst. prof. agron., Univ. Ark., farm manag. specialist, U. S. Dept. Agr. and Univ. Ga. —*b.* Randolph, Kans., Dec. 9, 1887; *s.* Geo. H. and D. E. C. (Secrest) H.; reared on farm; *m.* Ruth Bennett, Dec. 22, 1916; *c.* Ruth Caroline, John Bennett, De Forest Jr. B.S., Kans. State Agr. Coll., 1910; M.S., Univ. Minn., 1914. Alpha Chi Sigma.

Hunn, Chester Jermain, asst. hort., hort. invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Hawaii Exp. Sta., 1908-13; acting hort., 1913-4; prof. hort., Univ. Porto Rico, 1914-6; present position, 1919-. Teach. Aviation Sch., Cornell Univ., 1917-8. Exploration of Haiti as trop. agrl. expert, 1917. —*b.* E. Bloomfield, N. Y., Mar. 14, 1884; *s.* Chas. Edward and Elizabeth (Moffat) H.; reared in town; *m.* Jessie Sevier McCormick, July 7, 1910; *c.* Chas. Hueston. B.S.A., Cornell Univ., 1908. Lambda Chi Alpha.

Hunnicutt, George Frederick, farmer and ed. Southern Cultivator and Dixie Farmer, Hapeville, Ga.

Compiler Southern Crops, 1908. *Auth.*: David Dickson's and James M. Smith's Farming, 1910. —*b.* Coweta Co., Ga., Oct. 20, 1862; *s.* Jas. B. and Emily Jane (Page) H.; reared on farm; *m.* May Bernard; 2d, Mary W. Middlemas, 1900; *c.* Jas. Bernard, Wm. Litlleton, Dorothy May. A.B., Univ. Ga., 1883. Delta Tau Delta.

Hunnicutt, Walter D., field manag. French Bros. Bauer Co. (dairy product distributors), Cincinnati, O.

Live-stock specialist, boys and girls club dept., Ohio State Univ., 1917-8; farm operator, 1918-20; with Wilson & Co., 1920-1; agrl. agt. Butler Co., 1921-5; present position, 1925- —*b.* Wilmington, O., Nov. 6, 1894; *s.* Chas. and Delena (Haworth) H.; reared on farm; *m.* Margaret Dick, Sept. 1, 1917; *c.* Marjorie Jean, Thos. Dick. B.S.A., Ohio State Univ., 1917. Theta Chi.

Hunt, Benjamin W., farmer and banker, Eatonton, Ga.

Ex-pres. Ga. Bankers Assoc.; vice-pres. Ga. Hort. Soc.; chm. Bd. Trustees, 8th Distr. Ga. State Agrl. Sch. Traveled in Europe and Mexico. —*b.* Chappaqua, N. Y.; *s.* Benj. W. and Mary (Quinby) H.; reared on farm; *m.* Louise Prudden, May 18, 1876.

Hunt, Caroline Louisa, specialist in home econ., Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Teach. high-sch., 1888-93; teach. home econ., 1896-1908; ed. home and educ. dept., LaFollette's Weekly, 1909-12. *Auth.*: Home Problems, 1908; Life of Ellen H. Richards, 1912. —*b.* Chicago, Ill., Aug. 23, 1865; *d.* Homer C. and Ann (Gleed) H.; reared in city. A.B., Northwestern Univ., 1888. Phi Beta Kappa; Delta Gamma.

Hunt, Glenn Arnold, co. agrl. agt., Kimball, Neb.

b. Havelock, Neb., Aug. 1, 1902; *s.* H. W. and Marion (Cooley) H.; reared on farm. B.S.A., Univ. Neb., 1923. Alpha Zeta.

Hunt, Leila Wall, assoc. prof. and head foods and nutr., Wash. State Coll., Pullman, Wash.

Instr. elem. sci., Wash. State Coll., 1908-14; asst. prof. home econ., 1914-8; assoc. prof., 1918-. —*b.* Meadow Brook, Tenn., Oct. 10, 1884; *d.* Sewell V. and Nannie Adams (Patton) H.; reared on farm and in city. A.B., Va. Intermont Coll., 1903; B.S., Wash. State Coll., 1908; M.A., Columbia Univ., 1918. Omicron Nu; Phi Kappa Phi.

Hunt, Orville Baldwin, poultry and pigeon breeder, 577 14th St., Oakland, Calif.

Bact. chem., Cutter Lab., Berkeley, Calif., 1912-7; bact. for city of Berkeley, 1918-9; prescription pharmacist, 1917-8, 1919-25. Poultry breeder, 1913-; dog breeder, 1916-. Sec. Calif. State Poultry Assoc., Inc., 1922-4. *Ed.*, Pacific Poultry Breeder. —*b.* St. Paul, Minn., June 1, 1890; *s.* Albertis S. and Lois V. (Perry) H.; reared in town; *m.* Neiva May Boylan, July 28, 1912. Ph.C., Univ. Calif., 1912. Kappa Psi.

Hunt, Ralph Edward, head an. husb. dept., Va. Poly. Inst., Blacksburg, Va.

Instr. an. husb. in short course, Penn. State Coll., 1911-2; instr. an. husb., W. Va. Univ., 1912-3; assoc. prof., Va. Poly. Inst., 1914-8; prof. 1918-23; head dept., 1923-. (Beef cattle). —*b.* Marysville, Kans., Mar. 13, 1889; *s.* John O. and Fannie (Peters) H.; reared on farm; *m.* Ena Smith, Sept. 25, 1912; *c.* Dorothy Ena. B.S.A., Kans. State Agr. Coll., 1911; M.S., Va. Poly. Inst., 1916. Sigma Nu.

Hunt, Thomas Forsyth, prof. agr., Univ. Calif., Berkeley, Calif.

Asst. to Ill. state ent., 1885-6; asst. agr., Univ. Ill., 1886-8; asst. agrst., Ill. Exp. Sta., 1888-91; prof. agr., Penn. State Coll., 1891-2; prof. agr., Ohio State Univ., 1892-1903; dean Coll. Agr., 1896-1903; prof. agron., Cornell Univ., 1903-7; dean Sch. Agr. and dir. Exp. Sta., Penn. State Coll., 1907-12; prof. agr. and dean Coll. Agr., Univ. Calif., 1912-23; prof. agr., 1923-. Pres. Soc. Promotion Agrl. Sci., 1907-9. *Auth.*: (with Morrow) Soils and Crops of the Farm, 1895; History of Agriculture and Rural Economics, 1899; The Cereals in America, 1904; How to Choose a Farm, 1906; The Forage and Fiber Crops in America, 1907; The Young Farmer, 1913; (with Burkett) Soils and Crops, 1913; (with Burkett) Farm Animals, 1914. (Farm manag., field crops). —*b.* Ridott, Ill., Jan. 1, 1862; *s.* Thos. Marshall and Mary A. (Kirk) H.; *m.* Juniata G. Campbell, Aug. 22, 1888; *c.* Theodore Morrow, Marion Juliet. B.Sc., Univ. Ill., 1884; M.Sc., 1892; D.Agr., 1903; D.Sc., Mich. Agr. Coll., 1907. Sigma Xi.

Hunter, Byron, assoc. agrl. econ., U. S. Dept. Agr., Washington, D. C.

Prof. biol., State Normal Sch., Lewiston, Ida., 1899-1903; with U. S. Dept. Agr., 1903-; distr. leader co. agrl. agts., Ida., Ore., Wash., 1912-3; state leader co. agts. Wash. State Coll., 1914; with Bur. Agrl. Econ., 1915-. —*b.* Glenwood, Ia., Oct. 22, 1869; *s.* Easom and Elizabeth Ann (Miller) H.; reared on farm; *m.* Sadie Isadora Briggs, June 24, 1897; *c.* Byron Garrett, Kenneth Hamilton, Julia Margaret. B.S.A., Wash. State Coll., 1899; M.S.A., 1906. Phi Kappa Phi.

Hunter, Charles Axtell, asst. dir. State Health Lab. and prof. bact., Univ. S. D., Vermilion, S. D.

Asst. agrl. bact., Univ. Wis., 1915-6; instr. bot. and bact., Univ. Fla., 1916-7; asst. prof. bact., bact. Exp. Sta., Penn. State Coll., 1917-9; assoc. prof., 1919-21; prof. 1921-2. —*b.* Blue Rapids, Kans., July 30, 1893; *s.* Wm. and Carrie L. (Axtell) H.; reared in town; *m.* Bess May Hildreth, Aug. 8, 1916; *c.* Ruth Elizabeth, Chas. A. Jr. B.S., Kans. State Agr. Coll., 1915; M.S., Univ. Wis., 1916. Sigma Alpha Epsilon.

Hunter, F. Beatrice, prof. home econ., Cornell Univ., Ithaca, N. Y.

Teach. public schs., N. Y. City, 1912; teach. design, textiles and clothing, Ia. State Coll., 1913-4; teach. clothing and design, Sch. Educ., Univ. Chicago, 1914-8; present position, 1918-. —*b.* N. Y. City, Oct. 30, 1890; *d.* Frank D. and Anna (Ross) H.; reared in city. B.S., Columbia Univ., 1913.

Hunter, John Marshall, supt. Gobel Farms, Annandale, N. J.

Instr. an. husb. and asst. Exp. Sta., Rutgers Coll., 1915-7; asst. prof. and an. husb. Exp. Sta., 1917-9; present position, 1919-. Sec.-treas. State Hog Growers Assoc.; supt. horse, hog and sheep depts., Trenton Interstate Fair, 1919-20. —*b.* Red Oak, Ia., Nov. 8, 1890; *s.* John M. and Emma (Tobin) H.; reared on farm; *m.* Dorothy M. Hope, Aug. 30, 1919. B.S., Ia. State Coll. Chi Phi.

Hunter, Roy Deneale, farmer, W. Claremont, N. H.

General sales manag., Sullivan Machinery Co., 8 yrs. Trustee N. H. Coll., 1916-. Ex-pres. Farm Bur.; ex-pres. State Fed. Farm Burs.; pres. Dairymens Assoc.; pres. Co. Jersey Cattle Club; ex-pres. E. States Farmers Exchange. Chm. live-stock com. Food Adminis. Traveled in Europe, Asia, Australia, S. Africa, Mex. (Jersey cattle). —*b.* Carson City, Nev., Apr. 2, 1873; *s.* Harrison and Mary (Patten) H.; reared in town; *m.* Katherine D. Upham, June 1, 1911; *c.* Duncan Upham, Deneale. Student Univ. Wis., Mass. Agr. Coll.

Hunter, Walter David, ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. ent., Univ. Neb., 1895-1900; Ia. Exp. Sta., 1901; in chg. boll weevil invests., U. S. Bur. Ent., 1902-5; chg. southern field crop insect invests., 1915-. Fellow A. A. A. S.; pres. Amer. Ent. Assoc. —*b.* Lincoln, Neb., Dec. 14, 1875; *s.* J. A. and Mary Abbey (Crooker) H.; reared in city; *m.* Mary P. Smith, Mar. 22, 1905; *c.* Ethel May. A.B., Univ. Neb., 1895; M.A., 1897; LL.D., Tulane Univ., 1912.

Hunziker, Otto Frederick, manag. manufacturing dept. and dir. res. lab., Blue Valley Creamery Co., Chicago, Ill.

Asst. path. bact. and chg. dairy bact., Cornell Univ., 1901-2; milk expert, Scranton Condensed Milk Co., Ellicottville and Springville, N. Y., 1902-5; instr. dairying, Purdue Univ., 1905-6; assoc. prof., 1906-7; prof. and chief dairy dept., 1907-17; present position, 1917-. Pres. Amer. Assoc. Dairy Sci., 1910-2. Adv. to condensed milk factories in Canada, Australia, New Zealand, Germany, Japan, 1909-17. Del. from Amer. Assoc. Dairy Sci. and U. S. Dept. Agr. to Intern. Dairy Congress, Stockholm, Sweden, 1911. *Auth.*: Manufacture of Condensed Milk and Milk Powder, 1914, rev. ed., 1918, 1920, 1925; The Butter Industry, 1920. *Assoc. ed.,* Dairy Science Journal. —*b.* Zurick, Switzerland, Dec. 25, 1873 (naturalized 1904); *s.* Otto Carl and Louise (Pupikofer) H.; reared in country; *m.* Florence Belle Burne, 1905; *c.* Thelma Belle, Florence Louise, Karl Otto, Walter Burne, Isabelle Mary, Otto F. Jr. Grad. Agr. Coll.,

Zurich, 1892; Bryant and Stratton Business Coll., Providence, R. I., 1896; B.S., Cornell Univ., 1900; M.S., 1901. Sigma Xi; Alpha Zeta; Gamma Alpha.

Hurd, Archibald Clifton, co. sec. Y. M. C. A., White River Junction, Vt.

Sec. and manag. first co. farmer's assoc. (later known as farm bur.) to be organized in New England; dir. state agrl. exhibits; dir. state voc. expos., 1910-6. Conducted first country wide rural sch. survey, 1910; founded Camp Billings, 1906 and Windsor Co., Vt., Annual Play Festival, 1906. —*b.* Pawling, N. Y., July 20, 1881; *s.* John and Mittie A. (Waite) H.; reared in town and country; *m.* Cornelia M. Minkler, Sept. 4, 1905; *c.* Allan Campbell.

Hurd, Calvin J., specialist in organization and marketing, Ore. Agr. Coll., Corvallis, Ore.

Formerly co. agrl. agt., Roseburg, Ore.; asst. co. agt. leader, Ore. Agr. Coll., 1919-22; present position, 1922-. Mem. Ore. Legislature, 1913. —*b.* Floyd Co., Va., Mar. 23, 1865; *s.* Samuel and Mary E. (Kronk) H.; reared on farm; *m.* Eva R. Powell, May 12, 1888.

Hurd, William Daniel, western dir. Soil Improvement Com., Nat. Fertilizer Assoc., 11 S. La Salle St., Chicago, Ill.; Dec. 19, 1875-Aug. 22, 1924. See Rus 1920.

Hurley, John Carlton, prof. dairy husb., Coll. Agr., Syracuse Univ., Syracuse, N. Y.

Asst. in Jordan Coop. Creamery, Jordan, N. Y., summer 1914; instr. agr., high-sch., Moravia, N. Y., 1914-8; present position, 1918-; assoc. registrar of Syracuse Univ., 1923-4; acting registrar, 1924-. —*b.* Macedon, N. Y., June 1, 1887; s. Albert Jackson and Nora E. (White) H.; reared on farm; *m.* Gertrude Root Frone, Aug. 18, 1915. Ph.B., Syracuse Univ., 1911; M.S., Mich. Agr. Coll., 1913. Theta Alpha.

Hurley, Joseph M., sec.-manag. N. Y. Coop. Seed Potato Assoc., Inc., Syracuse, N. Y.

Teach. agr., Franklin Acad., Malone, N. Y., 1915-7; farm bur. asst. in Franklin and St. Lawrence cos., 1917; agt. Washington Co., 1918-21; present position, 1921-. —*b.* North Creek, N. Y., Oct. 21, 1890; *s.* Daniel and Julia (Collins) H.; reared on farm; *m.* Marguerite Hubbard, June 27, 1917; *c.* Daniel, Ellen, Wm., Agnes. B.S., Cornell Univ., 1915.

Hurst, Lewis A., biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Soils and fertilizers). —*b.* Muncie, Ind., Dec. 14, 1874; *s.* Wm. J. and Susan R. (Shaffer) H.; reared in town; *m.* America E. Hargis, June 20, 1911. B.S., Purdue Univ., 1899.

Hurt, Lester Ewing, teach. agr. and supt. high-sch., Bremen, Ky.

Princ. high-sch., Sedalia, Ky., 1910-4; Water Valley, 1914-7; supt. Lewisburg schs., 1917-23; present position, 1923-. —*b.* Auburn, Ky., Mar. 5, 1884; *s.* Atwood G. and Mary (Appling) H.; reared on farm; *m.* Maude Lee Tilb, 1907; 2d Mayme Lee Miller, 1923; *c.* Lester E. Jr. B.S., S. Normal Sch., 1910; A.B., 1925.

Husmann, George C., pom. in chg. viticultural invests., U. S. Dept. Agr., Washington, D. C.

General foreman, Vina vineyards and winery of Stanford Univ., Vina, Calif., 1887-90. Del. to Prof. Foex Memorial, France, Intern. Viticultural Congress. —*b.* Hermann, Mo., Apr. 27, 1861; *s.* Geo. and Louise C. (Kielmann) H.; reared on farm; *m.* Ellen W. Dorsett, Feb. 1, 1894. B.S.A., Univ. Mo., 1882; M.S.A., 1885.

Hutcheson, John Redd, dir. ext., Va. Poly. Inst., Blacksburg, Va.

Foreman expl. plots, Va. Poly. Inst., 2 yrs.; princ. 7th Cong. Distr. High-Sch., Middletown, Va., 2 yrs.; princ. Jones Co. Agr. High-Sch., Ellisville, Miss., 3 yrs.; teach. agr., summer sch., Univ. Va., 3 yrs.; specialist in an. husb., Va. Poly. Inst., 1914-7; asst. dir. ext., 1917-9; dir., 1919-. Chm. Va. Agrl. Adv. Council, 1922-. —*b.* Charlotte C. H., Va., Jan. 13, 1886; *s.* Robt. F. and Mary C. (Barksdale) H.; reared on

farm; *m.* Eleanor Parrott, Oct. 6, 1917; *c.* Eleanor Barksdale, John Jr., Robt. Parrott. M.S., Va. Poly. Inst., 1909.

Hutcheson, Thomas Barksdale, prof. agron., Va. Poly. Inst., Blacksburg, Va.

Asst. agron., Va. Exp. Sta., and instr. agron., Va. Poly. Inst., 1908-12; assoc. agron., 1913; assoc. agron., Univ. Minn., 1913-4; present position, 1914-. —*b.* Charlotte C. H., Va., Mar. 23, 1882; *s.* Robt. F. and Mary C. (Barksdale) H.; reared on farm; *m.* Rosilie O. Stockard, June 4, 1914; *c.* Rosilie Stockard, Mary Barksdale, Anne Metcalfe. B.S., Va. Poly. Inst., 1906; M.S., 1908; M.S.A., Cornell Univ., 1913. Sigma Xi.

Hutchins, Lee M., assoc. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

1st Lieut. Sanitary Corps, U. S. Army, 1917-9. —*b.* Fennville, Mich., Apr. 21, 1888; *s.* Henry Hudson and Harriet Catherine (Robertson) H.; reared on farm. B.S., Mich. Agr. Coll., 1913; Ph.D., Johns Hopkins Univ., 1924; student Univ. Montpellier, France, 1919. Sigma Xi; Gamma Alpha.

Hutchins, Wells Aleck, assoc. irrig. econ., U. S. Dept. Agr., Federal Bldg., Berkeley, Calif.

1st Lieut. Inf., 1917-9. —*b.* Beatrice, Neb., Feb. 20, 1888; *s.* Dudley Brooks and Alice (Kinney) H.; reared in city; *m.* Ruth Seeley, Apr. 2, 1921; *c.* Wells Andrews. LL.B., Geo. Washington Univ., 1909. Kappa Alpha.

Hutchinson, Charles J., co. agrl. agt., Perryton, Tex.

Instr., La. State Univ., 1916-7; with United Fruit Co., Panama, 1917; instr., Tex. A. & M. Coll., 1919-21; agrl. superv., U. S. Veterans Bur., 1922-3; agrl. agt. Ochiltree Co., 1923-. 1st Lieut. U. S. Army, 1918-9 .—*b.* Verda, La., May 22, 1894; *s.* C. J. and Lucy V. (Newton) H.; reared on farm; *m.* Cora Wilma Thomas, Aug. 25, 1919; *c.* Arless Emroy. B.S., La. State Univ., 1916. Alpha Zeta.

Hutchinson, James, assoc. in flor., Univ. Ill., Urbana, Ill.

Greenhouse foreman and estate supt., N. Y., R. I. and Mass., 5 yrs.; lands. gard., Pa., 6 yrs.; asst. flor., Univ. Ill., 1911-7; assoc., 1917-. —*b.* Northumberland, England, Dec. 15, 1871 (naturalized 1912); *s.* Michael and Jane (Forster) H.; reared in village; *m.* Susanna Drake, June 11, 1902; *c.* Anna Shearer, Jas. Drake, John Joseph, Wm. Francis. Grad. Sch. Hort., Royal Bot. Gard., Edinburgh, Scotland, 1901.

Hutchison, Claude Burton, assoc. dir. for Europe, Agrl. Educ. Div., Intern. Educ. Bd., 19 Rue Louis Le Grand, Paris, France.

Asst. agron., Univ. Mo., 1908-10; instr., 1910-1; asst. prof., 1911-3; prof., 1913-4; prof. farm crops and chm. dept., 1914-6; prof. plant-breeding, Cornell Univ., 1916-22; prof. plant-breeding and dir. branch of Coll. Agr., Univ. Calif., 1922-4; present position, 1924-. Sec. Mo. Corn Growers Assoc., 1910-6. Fellow A. A. A. S. (Breeding of cereals and maize). —*b.* Chillicothe, Mo., Apr. 9, 1885; *s.* Wm. M. and Adriana (Smith) H.; reared on farm; *m.* Roxie Ruth Prichard, Dec. 23, 1908; *c.* Helen, Ruth, Elizabeth, Lucille. B.S.A., Univ. Mo., 1908; M.S.A., Cornell Univ., 1913; M.S., Harvard Univ., 1917. Sigma Xi; Gamma Alpha; Alpha Zeta (nat. pres., 1914-23).

Hutt, William Nicol, peach-grower, Pinehurst, N. C.

Asst. to dir. Hort. Socs. in Ont. Dept. of Agr., 1901; prof. hort. and bot., Utah Agr. Coll., 1902-4; prof. hort., Md. Agr. Coll., 1904-6; state hort., N. C., 1906-18. Sec. Md. Hort. Soc., 1902-4; pres. Amer. Pom. Soc., 1915-7; sec. N. C. Hort. Soc., 1906-18; pres. Nat. Nut-Growers Assoc., 1914-6; manag. Sandhill Fruit Growers Inc., 1920. —*b.* Niagara Falls, Ont., Apr. 26, 1872 (naturalized 1915); *s.* Frederick A. and Janet D. (Lawson) H.; reared on farm; *m.* Edith M. Palmer, July 1, 1907. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1898.

Hutton, Campbell Azro, dairy husb. in chg. dairy ext., Univ. Tenn., Knoxville, Tenn.

b. Friendsville, Tenn., July 9, 1888; *s.* J. C. and Lucretia (Brickell) H.; reared on farm; *m.* Annie Lee White, Aug. 30, 1915; *c.* Frances Caroline. B.S.A., Univ. Tenn., 1913. Alpha Zeta; Phi Kappa Phi.

Hutton, Joseph Gladden, assoc. prof. agron., in chg. of state soil survey, S. D. State Coll., Brookings, S. D.

Asst. biol., Ind. State Normal Sch., 1898-1900; princ. high-sch., Beardstown, Ill., 1901-3; supt. schs., 1903-8; asst. geol., Univ. Ill., 1908-11; present position, 1911-. Pres. S. D. Acad. Sci., 1917-8. —*b.* Monticello, Ind., Nov. 3, 1873; *s.* Wm. H. and Mary J. (Gladden) H.; reared on farm; *m.* Emilie W. Feddersen, June 15, 1904; *c.* Helma Louise, Mary Erne-Jean, Joseph Gladden Jr. B.S., Univ. Chicago, 1908; M.S., Univ. Ill., 1910. Phi Beta Kappa.

Hutton, Lynn D., assoc. plant path. cereal invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. analyst, dairy dept., S. D. State Coll., 1920; state leader barberry eradication, U. S. Dept. Agr. and S. D. State Coll., 1921-3; present position, 1923-. Mem. S. D. State Acad. Sci. Served in Inf., U. S. Army, 1918. —*b.* Egan, S. D., Nov. 8, 1897; *s.* Wm. E. and Sadie (Sohrock) H.; reared on farm; *m.* Bonnie L. Buck, Sept. 7, 1922. B.S., S. D. State Coll., 1919; M.S., 1923.

Hutton, Robert E., an. husb., U. S. War Dept., 1228-D Pennsylvania, Manila, P. I.

Asst. an. husb. invests., U. S. Dept. Agr., 1917-23; invest. feeding stuffs in Philippines for U. S. War Dept., 1923-. —*b.* Chalmers, Ind., Jan. 18, 1895; *s.* Schuyler C. and Mary A. (Stevenson) H.; reared in town and on farm; *m.* Ruth E. Gregg, Sept. 15, 1919. B.S.A., Purdue Univ., 1917.

Huyett, J. Burns, farmer, orchardist, appraiser for Fed. Farm Loan Bd., Charlestown, W. Va.

Farmers inst. lect., 1904-16; expert in cattle feeding. U. S. Dept. Agr., 1914-5. Pres. W. Va. Live Stock Assoc.; mem. Appeal Draft Bd., N. W. Va. —*b.* Charlestown, W. Va., June 19, 1883; *s.* L. R. and Fannie (Burns) H.; reared on farm; *m.* Georgia T. Robinson, Dec. 21, 1910; *c.* J. B., Leila H., Randolph. B.S.A., W. Va. Univ., 1904.

Hypes, James Lowell, assoc. prof. agrl. educ., Conn. Agr. Coll., Storrs, Conn.

Teach. Marshall Coll., summer 1921; present position, 1921-. —*b.* Poe, W. Va., 1885; *s.* S. W. and Altha (Dorsey) H.; reared on farm; *m.* Cora Jackson, 1911. A.B., Univ. Ill., 1916; A.M., Columbia Univ., 1921. Kappa Delta Phi.

Hyslop, George Robert, prof. farm crops, Ore. Agr. Coll. and agron. Exp. Sta., Corvallis, Ore.

Student asst. agron., Ohio State Univ., 1906-7; grad. asst., 1907-8; instr. agron., Ore., Agr. Coll., 1908-10; asst. prof., 1910-3; assoc. prof. field crops, 1913-6; prof., 1916-. —*b.* Deshler, O., Nov. 17, 1884; *s.* Geo. L. and Julia (Moeschler) H.; reared on farm; *m.* Sue. C. Walcutt, Aug. 10, 1908; *c.* Sue, Julia, Mary, Geo. L., Wm. W., John J. B.S., Ohio State Univ., 1907. Delta Theta Sigma; Gamma Sigma Delta.

Hyslop, James Augustus, ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

In chg. first gypsy moth eradication work in Conn., 1906; with U. S. Dept. Agr., 1908-; in chg. cereal and forage insect field sta., Hagerstown, Md., 1912-7; chg. ext. work, Bur. Ent., 1917-21; chg. nat. insect. pest survey, 1921-. Farm owner, Montgomery Co., Md. (Coleoptera, physico-ent.). —*b.* Chicago, Ill., July 7, 1884; *s.* Chas. Geo. and Mary Agnes (Garvey) H.; reared in village; *m.* Grace Genevra Anderson, 1911; *c.* Chas. Douglas, Jas. Anderson, Ryntha, Winnifred. B.S., Mass. Agr. Coll., 1908; M.S., Wash. State Coll., 1911.

I

Ibach, Donald Bryan, co. agrl. agt., La Crosse, Kans.

b. Winnebago Co., Ia., Jan. 2, 1900; *s.* J. D. and Myrtle (Smith) I.; reared on farm. B.S.A., Kans. State Agr. Coll., 1923.

Ibsen, Herman Lauritz, prof. genetics, an. husb. dept., Kans. State Agr. Coll., Manhattan, Kans.

Asst. dept. genetics, Univ. Wis., 1916-7; asst. zool., 1917-9; asst. prof. genetics, Kans. State Agr. Coll., 1919-21; assoc. prof., 1921-4; prof., 1924-. In Chem. Warfare Serv., U. S. Army, 1918-9. —*b.* Chicago, Ill., Sept. 16, 1886; *s.* Oluf A. M. and Gemalia (Ekdahl) I.; reared in city. B.S., Univ. Wis., 1912; M.S., 1913; Ph.D., 1916. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

Iddings, Edward John, dean of agr., dir. Exp. Sta., dir. ext., Univ. Ida., Moscow, Ida.

Special agt., Bur. Plant Ind., U. S. Dept. Agr., 1906; asst. to dean of agr., Colo. Agr. Coll., 1907-9; field commr., Dry-Farming Congress, summer 1909; asst. an. husb., Colo Agr. Coll., 1909-10; ed. Dry-Farming Congress Bull., summer 1910; princ. Sch. Practical Agr. and asst. an. husb., Univ. Ida., 1910-1; prof. an. husb., 1911; vice-dean Coll. Agr., 1913-5; dean, 1915-8; dean of agr. and dir. Exp. Sta., 1918-; dir. ext., 1923-. Judge live-stock shows; ext. lect. Mem. bd. of dirs. and pres. Northwest Live-Stock Assoc.; mem. adv. bd., State Fair of Ida. Fellow A. A. A. S. Studied live-stock, Great Britain, summer 1907. Contr. to Book of Rural Life. —*b.* Peru, Ind., Mar. 22, 1879; *s.* John Byron and Mary (Huber) I.; reared on farm; *m.* Maud A. Rowell, June 24, 1908. Student Butler Coll., 1899-1901; B.S. Agr., Colo. Agr. Coll., 1907; M.S., 1922. Sigma Xi; Delta Tau Delta; Alpha Zeta.

Ide, Warren Leroy, co. agrl. agt., Bristol Co. Agrl. Sch., Segreganset, Mass.

Head farmer, Gardner State Colony, Mass., 5 yrs. —*b.* Dudley, Mass., Sept. 7, 1886; *s.* Monroe Wilson and Jenny (Walker) I.; reared on farm; *m.* Ruth Elizabeth Earle, Feb. 24, 1914; *c.* Virginia Elizabeth, Warren Monroe, Constance Louise. B.S., Mass. Agr. Coll. and Boston Univ., 1909.

Ihde, Herman, farmer, R. R. 10. Neenah, Wis.

Master Wis. State Grange; steward Nat. Grange; dir. Greater Wis. Assoc. —*b.* Clayton, Wis., Feb. 27, 1877; *s.* Frederick and Louise I.; reared on farm; *m.* Emma Rosa Milnitz, Oct. 15, 1902; *c.* Millard, Marguerite, Evalyn.

Illingsworth, James Franklin, ent., Bur. Ent., U. S. Dept. Agr., Shanghai, China.

Asst. zool., Pomona Coll., 1897-9; asst. zool., Seaside Lab., Stanford Univ., 1901; head dept. biol., Broadway high-sch., Seattle, 1901-10; formerly prof. ent., Coll. of Hawaii, Honolulu. Employed 1913 by Colonial Sugar Refining Co., Australia, to introduce parasitic insects for sugar in Fiji Isls.; on leave to conduct ent. invests. for Queensland Govt., 1917-20; located at Meringa, near Cairns, N. Queensland. Farmer, Kans., 10 yrs.; fruit ranch, Calif., 5 yrs. —*b.* Lanark, Ill., May 11, 1870; *s.* Jas. and Emeline (Jacobs) I.; reared on farm; *m.* Myrtle E. Seiger, 1903; *c.* Ruth, Lynn, Beth. B.S., Pomona Coll., 1900; M.A., Leland Stanford Univ., 1901; Ph.D., Cornell Univ., 1912. Sigma Xi.

Illston, John W., insp. in chg. branch office N. Y. State Dept. Farms and Markets, Cortland, N. Y.

Present position, 1903-. (An. and dairy husb.). —*b.* Ithaca, N. Y., Sept. 3, 1879; *s.* John N. and Mary E. (Ashton) I.; reared in city; *m.* Anna E. Graham, Dec. 1907. Student Cornell Univ.

Imlay, Hugh A., lands. arch. and supt. Mill Creek Park, 816 Glenwood Ave., Youngstown, O.

Lieut. Engin. Corps, A. E. F. Mem. Amer. Soc. Lands. Arch. —*b.* Zanesville, O., May 1, 1887; *s.* John D. and Elizabeth (Rei) I.; reared on farm; *m.* Nella Covington, Oct. 23, 1919; *c.* Geo. C., Lida. B.S., Univ. Ill., 1911. Sigma Pi.

Ince, Joseph Waite, prof. chem. and head dept., R. I. State Coll., Kingston, R. I.

Instr. chem., Brown Univ., 1902-4; Denison Univ., 1904-5; dem. chem., McGill Univ., 1905-8; instr. to prof.

agrl. chem., N. D. Agr. Coll., 1908-19; present position, 1919-. *Auth.*: (with W. E. Tottingham) Chemistry of the Farm and Home. —*b.* Providence, R. I., Mar. 26, 1880; *s.* Chas Evans and Emily Evelyn (Waite) I.; reared in city; *m.* Martha Louise Welch, June 15, 1908; *c.* Kathleen, Barbara, Geo. Welch. A.B., Brown Univ., 1902; A.M., 1904. Phi Kappa Psi.

Ingalls, Elwin LeRoy, state club leader, Univ. Vt., Burlington, Vt.

Princ. Lamoille Cent. Acad., Hyde Park, Vt., 1896-1902; supt. Vt. Ind. Sch., Vergennes, 1902-7; supt. public schs., Hartford, 1907-14; present position, 1914-. Sometime pres. State Assoc. Sch. Superintendents, Vt. Sch. Masters Club, State Teach. Assoc. —*b.* Berkshire, Vt., July 23, 1870; *s.* Norman and Martha (Crowe) I.; reared on farm; *m.* Ina Evelyn Campbell, June 14, 1899. A.B., Univ. Vt., 1896. Delta Psi.

Ingalls, George Ross, farmer and comn. agt. in dairy cattle, Eau Claire, Wis.

Teach. rural sch., 1905-6; princ. state graded sch., Boyd, Minn., 1906-7; supt. schs., Lac qui Parle Co., Minn., 1907-10; an. husb., Minn. Univ. Farm Sch., Morris, 1910-2; agt. Eau Claire Co., 1912-21; manag. farm dept., Eau Claire Nat. Bank and Eau Claire Savings Bank, 1921-4. Breeder Advanced Register Guernseys, 1915-; orignated idea of coop. testing of pure-bred cows for the Advanced Register. —*b.* Fillmore Co., Minn., July 13, 1877; *s.* Philo H. and Martha (Newell) I.; reared on farm; *m.* Lydia M. Waidelich, Apr. 3, 1906; *c.* L. Marie, Gretchen Ione, Gladys Ruth, G. Frank. Ph.B., North Western Coll., Naperville, Ill., 1905.

Ingersoll, Theron Lewis, teach. agr. and supt. schs., Haslett, Mich.

Teach. agr., Otsego, Mich., 3 yrs. Lieut. Field Art., U. S. Army, World War. —*b.* Clinton Co., Mich., Aug. 23, 1893; *s.* Eric and Hattie (Cleland) I.; reared on farm; *m.* Jean E. Hammond, Sept. 26, 1918; *c.* Theron, Esther, Robt. B.S., Mich. Agr. Coll. Phi Kappa Tau.

Ingram, Charles Benton, co. agrl. agt., Carrollton, Ga.

Teach. voc. agr., Martin Inst., Jefferson, Ga., 1919-23; agrl. agt. Carroll Co., 1923-. Awarded Victory Medal. —*b.* Brooks Co., Ga., June 23, 1896; *s.* I. B. and Annie (Folsom) I.; reared on farm. B.S.A., Univ. Ga., 1919. Alpha Zeta.

Ingram, Doris, asst. state club leader, Mont. State Coll., Bozeman, Mont.

Home dem. agt., 1920-3; present position, 1923-. —*b.* Helena, Mont., Jan. 8, 1896; *d.* Geo. Felix and Minnie (Craig) I.; reared in town. B.S., Mont. State Coll., 1919. Alpha Omicron Pi; Phi Kappa Phi.

Ireland, Harry A., assoc. agrst., Off. of Sec., U. S. Dept. Agr., Uncompahgre Valley Reclamation Project, Montrose, Colo.

Co. agrl. agt., Caldwell, Ida., 2 yrs. Dir. Ida. State Dairy Assoc. Spent 2½ yrs. in Philippines in agrl. work. —*b.* Bronson, Kans., June 23, 1883; *s.* Wm. H. and Maria (McCool) I.; reared on farm; *m.* Myrtle Kahl, May 27, 1911; *c.* Louise Myrtle, Lucile May. B.S., Kans. State Agr. Coll., 1907.

Irish, Henry Clay, superv. sch. gard., Bd. Educ., St. Louis, Mo.

Asst. hort., S. D. State Coll., 1894; hort. asst., Mo. Bot. Gard., 1894-1902; supt., 1903-12; asst. in chg. lands. gard. and flor., Ia. State Coll., 1913-4; present position, 1914-. Mem. Mo. State Bd. Hort., 1912-; pres. Mo. State Hort. Soc., 1916-8. —*b.* Rock Co., Wis., Apr. 22, 1868; *s.* Benj. and Lydia A. (Wood) I.; reared on farm; *m.* Margaret H. Duffey, May 9, 1896; *c.* Marguerite. B.S., S. D. State Coll., 1891; M.S., Ia. State Coll., 1897.

Irish, John Hulbert, assoc. in fruit products, Univ. Calif., Berkeley, Calif.

Teach. high-sch., Hinghwa, China, 1912-7; Jr. Anglo-China Coll., Foochow, 1917-8; Fukien Union Univ., 1918-9; present position, 1921-. —*b.* Hubbard, O., May 25, 1885; *s.* John C. and Mary (Lewis) I.; reared on farm; *m.* Delia Rockefeller Folensbee, Oct. 6,

1915; *c.* Eleanor Dee, Helen Jean. M.A., Ohio Wesleyan, 1912; B.S., Univ. Calif., 1920; M.S., 1921.

Irving, Donald Freeman, asst. prof. poultry husb. and supt. Tex. Nat. Egg Laying Contest, Tex. A. & M. Coll., College Station, Tex.

Instr., Rutgers Coll., 1922-3; present position, 1923-. —*b.* E. Orange, N. J., Feb. 3, 1901; *s.* Alfred Freeman and Grace (Soverel) I.; reared in town and on farm; *m.* Ethel B. Gray, Mar. 24, 1923; *c.* Donald F. Jr. B.S.A., Rutgers Coll., 1922. Alpha Zeta.

Irwin, John Borland, farmer and breeder Holstein-Friesian cattle, Sta. F., Minneapolis, Minn.

Dir. Holstein-Friesian Assoc. of Amer.; pres. Minn. Live-Stock Breeders Assoc.; pres. Minn. State Holstein Breeders Assoc.; pres. Twin City Milk Producers Assoc.; dir. Nat. Dairy Show; del. to Intern. Dairy Congress, Washington, 1923. —*b.* Richfield, Minn., Feb. 16, 1874; *s.* Everett Ford and Martha (Borland) I.; reared on farm; *m.* Bernice Hennings, 1900; *c.* John B. Jr., Everett H. B.S., Univ. Minn., 1898. Delta Upsilon.

Irwin, Robert, farmer, Telstad, Mont.

State sec. Mont. div., Farmers Educ. and Coop. Union, 1916-7. Del. to Nat. Convention of Farmers, Washington, 1918. —*b.* Ont., Canada, June 17, 1857 (naturalized 1890); *s.* Wm. and Mary A. (Wilson) I.; reared on farm and in town; *m.* Sarah Matilda Lithgow, Mar. 6, 1877; *c.* Victoria, Chas., Robt. L., Wilbert, May, Mary, Isabell.

Isaacs, Thomas Ralph, co. agrl. agt., Havana, Ill.

Instr. agr. and physics, Carleton Coll., 1913-4; head agrl. dept., high-sch., Decatur, Ill., 1915-8; co. agrl. agt., Fowler, Ind., 1918-9; present position, 1919-. —*b.* New Douglas, Ill., May 12, 1891; *s.* Thos. Wm. and Almira (Robb) I.; reared on farm; *m.* Nettie E. Delaney, June 23, 1914; *c.* Alta Marie. B.S., McKendree Coll., 1913; B.S.A., Univ. Ill., 1915.

Isaacson, May: see Titus, May Isaacson.

Isely, Dwight, assoc. ent., Ark. Agr. Exp. Sta., Fayetteville, Ark.

Fellow ent., Cornell Univ., 1913-4; sci. asst. deciduous fruit insect invests., U. S. Dept. Agr., 1914-21; present position, 1921-. Fellow A. A. A. S. —*b.* Fairview, Kans., Aug. 15, 1887; *s.* Christian H. and Elise (Dubach) I; reared on farm; *m.* Blessie Dort, Oct. 17, 1916; *c.* Duane, Francis Dort. B.A., Fairmount Coll., 1910; M.A., Univ. Kans., 1913. Sigma Xi.

Israel, Henry, exec. sec. The Amer. Country Life Assoc., Inc., 1849 Grand Central Terminal Bldg., New York, N. Y.

Formerly intern. sec. Y. M. C. A. In War Zone, 1915-6; mem. Rural Comn. in England; in Europe, 1920-2. *Ed.,* Rural America. —*b.* Philadelphia, Pa., Dec. 23, 1877; *s.* Henry and Mary (Hucke) I.; *m.* Gertrude Wells Hart, June 7, 1905. Student N. Y. Univ.

Israelson, Orson Winso, prof. irrig. and drainage, Utah Agr. Coll., Logan, Utah.

Asst. irrig., Univ. Calif., 1913-5; instr. expl. irrig., 1915-6; present position, 1916-. Del. to Intern. Irrig. Congress, Sacramento, 1915; sec. Utah Irrig. and Drainage Congress, 1917-. Mem. com. on irrig., U. S. Food Adminis. for Utah, 1918. Contr. to Book of Rural Life. (Relation of soil properties to irrig. practice). —*b.* Hyrum, Utah, Dec. 25, 1887; *s.* Andrew M. and Bolette (Wilson) I.; reared on farm; *m.* Jennie May Allen, Feb. 24, 1909; *c.* Lettie Ione, Ester Golda, Orson Allen, Melvin Allen. B.S., Utah Agr. Coll., 1912; M.S., Univ. Calif., 1914; Ph.D., 1925. Gamma Sigma Delta.

Iverson, Carroll Arthur, assoc. prof. dairying, Ia. State Coll., Ames, Ia.

1st Lieut. Inf., U. S. Army; served in France, 1918-9. —*b.* Frederick, S. D., Mar. 14, 1893; *s.* Iver H. and Julia (Johnson) I.; reared in town. B.S., S. D. State Coll., 1915; M.S., Ia. State Coll., 1917. Sigma Alpha Epsilon; Alpha Zeta; Gamma Sigma Delta.

Ives, Frederick Walter, prof. agrl. engin., Ohio State Univ., Columbus, O.; Nov. 20, 1884-July 5, 1924. See Rus 1920.

Ives, Paul Pomeroy, co. club agt., 301 Federal Bldg., New Haven, Conn.

Poultry breeder; pres. Conn. State Poultry Assoc., 1919, sec., 1920-5; sec. Conn. Poultry Breeders Soc., 1914-25; pres. Conn. State Fair Assoc., 1925. Rep. in Conn. General Assembly, 1917. —*b.* Meriden, Conn., May 28, 1877; *s.* Chas. P. and Phoebe H. (Taintow) I.; reared on farm; *m.* Blanche G. Hammond, 1901; *c.* Chas. Pomeroy, Eugenia Hammond, Frances Howell.

Ivey, John E., head div. poultry husb., Ala. Poly. Inst., Auburn, Ala.

Asst. poultry invest. and path., N. C. Exp. Sta., 1917-22; asst. prof. poultry sci., N. C. State Coll., 1922-3; present position, 1923-. Served in N. C. Nat. Guard, 1916-7. *Asst. ed.*, Southern Poultry Journal. —*b.* Norwood, N. C., June 22, 1895; *s.* B. F. and Edith (Lentz) I.; reared in town and on farm; *m.* Vera House, Aug. 8, 1917; *c.* John E. Jr. B.S., N. C. State Coll., 1917; M.S., 1923. Alpha Zeta.

J

Jaccard, Clarence Roy, co. agrl. agt., Clay Center, Kans.

Specialist in chg. irrigated gardens and orchard, Ft. Hays Branch Exp. Sta., Kans., 1914-5; prof. agr., 1st Distr. Normal Sch., Kirksville, Mo., 1915-7; agrl. agt. Lincoln Co., Mo., 1917-9; nurseryman, in chg. irrigated gardens, nursery, and orchards, Ft. Hays Branch Exp. Sta., 1919-20; nurseryman, Hutchinson, Kans., 1920-2; agrl. agt. Coffey Co., 1922-4; Clay Co., 1924-. Chm. dept. agr., Mo. State Teachers Assoc., 1917. —*b.* Medoc, Mo., Nov. 11, 1889; *s.* W. W. and Sarah M. (Richardson) J.; reared on farm; *m.* Ruth Bright, June 28, 1915; *c.* Robt. Bright, Richard Alonzo, Jean. B.S.A., Kans. State Agr. Coll., 1914.

Jackman, Edwin Russell, ext. specialist farm crops, Ore. Agr. Coll., Corvallis, Ore.

Co. agrl. agt., The Dales, Ore., 1920-1; present position, 1922-. 1st Lieut. Field Art., U. S. Army, 1917-9. —*b.* Stillwater, Minn., Feb. 14, 1894; *s.* Jas. Edwin and Emily (Fairbanks) J.; reared on farm; *m.* Charlotte Harris, Sept. 4, 1918; *c.* Sarah. B.S., Ore. Agr. Coll., 1920.

Jackson, Andrew Douglas, chief div. publications, Tex. Agr. Exp. Sta., College Station, Tex.

Farmer and sch. teach., 1896-1900; bookkeeper, 1900-4; ed. and pub. Mineola Monitor, 1904-7; Crystal City Chronicle, 1907-15; promoter constitutional amendment campaign, Tex., 1916-7; Waco Tribune, 1918; Galveston News, 1918-9; Texas Farm and Industrial News, 1919-20; present position, 1920-. Sec. Brazos River Reclamation Assoc., 1920-; field supt. State Reclamation Assoc., 1916-8. Justice of the Peace, Crystal City, Tex., 1908-13. —*b.* Crenshaw Co., Ala., Oct. 11, 1875; *s.* Daniel Shaw and Louisa Henrieta (Curtis) J.; reared on farm; *m.* Mamie Angela Beck, Oct. 11, 1898; *c.* Ben, Sam, Dan, Joe, Lee, Dug, Ina.

Jackson, Charles Arthur, co. agrl. agt., Goshen, Ind.

Teach. agr., N. Y. State Sch. Agr., Farmingdale, L. I., 1917; co. agrl. agt., Greencastle, Ind., 1920-4. (An. husb., agron.). —*b.* S. Bend, Ind., July 9, 1895; *s.* Chas. S. and Minnie May (Kline) J.; reared on farm; *m.* Emma May Jackson, Dec. 15, 1917; *c.* Chas. A. Jr. B.S.A., Univ. Wis., 1916.

Jackson, Herbert Spencer, chief in bot., Purdue Univ. Agr. Exp. Sta., W. LaFayette, Ind.

Asst. mycology, Del. Agr. Exp. Sta., 1905-8; instr. bot., Del. Coll., 1905-8; Austin teaching fellow, Harvard Univ., 1908-9; instr. bot., summer 1909; prof. bot. and plant path., Ore. Agr. Coll., 1909-15; present position, 1915-; agt. U. S. Bur. Plant Ind., 1918-; prof. plant path., Cornell Univ., summer 1916-7. Fellow A. A. A. S.; pres. Pacific branch, Amer. Phytopath. Soc., 1915. (Rusts and smuts). —*b.* Augusta, N. Y., Aug. 29, 1883; *s.* Wm. and Sarah (Kendall) J.; reared in village; *m.* Eunice Edythe Doyle, 1907; *c.* Kenneth Kendall, Dorothy. B.S., Cornell Univ., 1905. Sigma Xi; Gamma Alpha.

Jackson, Howard Campbell, manag. Grove City Creamery and assoc. dairy mfg. specialist, U. S. Dept. Agr., Grove City, Pa.

Instr. dairying, Cornell Univ., 1915-22; asst. prof., 1922-4; present position, 1924-. —*b.* Covert, N. Y., Feb. 20, 1892; *s.* Geo. and Alice (Campbell) J.; reared in country; *m.* Bernice Ellen Bower, June 20, 1916; *c.* Barbara, Howard C. Jr., Virginia. B.S., Cornell Univ., 1915; M.S.A., 1917; Ph.D., 1920. Sigma Xi.

Jackson, William, asst. an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Lieut. U. S. Naval Reserves. —*b.* Bluffton, Ind., Oct. 13, 1895; *s.* Chas. Elmer and Emma (Thomas) J.; reared on farm; *m.* Yvonne Roy, Jan. 27, 1923. B.S., Purdue Univ., 1922.

Jacobs, Peter, minister, Cambridge, Ia.

Mem. Epworth League Inst. faculty, 17 yrs.; lect. at insts. *Auth.*: Recreation and Culture, 1914. (Rural church). —*b.* Fremont, Neb., Apr. 24, 1875; *s.* Uede C. and Christine Eliza (Ehmpke) J.; reared in town and on farm; *m.* Ednah Lathrop, June 24, 1903; 2d, Edith M. Anderson, Aug. 13, 1921; *c.* Maurine, Frieda, Uede. Grad. Garrett Biblical Inst., 1913.

Jacobson, Arthur Marvin, teach. agr., high-sch., Cloquet, Minn.

Agt. S. D. Life Insurance Co., 2 yrs.; teach. agr., high-sch., Hinckley, Minn., 1918; teach. agr. and co. club leader, Le Sueur Center, 1919-20; asst. irrig., Canadian Pacific Ry., Brooks, Alta., 1920-1; present position, 1921-. —*b.* Hadley, Minn., Sept. 11, 1895; *s.* Bernt H. and Mary (Clausen) J.; reared on farm. B.S., Univ. Minn., 1918.

Jacobson, Carl Alfred, prof. chem., W. Va. Univ., Morgantown, W. Va.

Instr. chem., York City high-sch., 1904-7; fellow and res. chem., Rockefeller Inst., for Med. Res., N. Y., 1908-9; chief chem., Nev. Exp. Sta. and prof. agrl. chem., Univ. Nev., 1909-18; fellow chem. res., Johns Hopkins Univ., 1919-20; present position, 1920-. Fellow A. A. A. S. *Auth.*: A Pronouncing Chemical Formula Speller, 1925. —*b.* Grantsburg, Wis., Jan. 25, 1876; *s.* Carl John and Anna Britta (Asp) J.; reared on farm; *m.* Mary Edna Metzger, June 21, 1906; *c.* Carl Metzger, John David, Joseph Edward, Samuel Odin, Robt. Lowell. B.S., Carleton Coll., Northfield, Minn., 1903; M.S., 1907; Ph.D., Johns Hopkins Univ., 1908; studied Cracow, Austria; Geneva, Switzerland; Upsala, Sweden; Halle, Germany, 1911-3. Phi Kappa Phi; Phi Beta Kappa.

Jacoby, Freeman Steel, poultry farmer, Columbus, O.

Instr. poultry husb., Kans. State Agr. Coll., 1910-1; instr., Ohio State Univ., 1911-2; asst. prof., 1912-8; prof., 1918; special invest., Food Res. Lab., summer, 1913; W. Va. Exp. Sta., summer, 1914. Chg. O. Poultry exhibit, Panama-Pacific Expos., 1915. —*b.* Bethlehem, Pa., Jan. 10, 1889; *s.* H. S. and Laura L. (Saylor) J.; reared in town and country; *m.* Ruth McManamy, June 1, 1913. B.S.A., Cornell Univ., 1910. Sigma Phi Sigma; Alpha Zeta.

Jaffa, Myer Edward, prof. nutr., Univ. Calif., Berkeley, Calif.

Asst. chem, 10th U. S. Census, 1879-80; asst. agrl. dept., Univ. Calif., 1880-1; asst. chem., Northern Transcontinental Survey, 1881-3; 1st asst. and chem., dept. viticulture, Univ. Calif., 1883-9; 1st asst. chem. chg. agrl. chem., 1889-93; instr. agr., 1893-6; asst. prof. agr. chg. lab. of agrl. chem., 1896-; asst. prof. nutr., 1906; prof., 1908-; special agt. and food expert, U. S. Dept. Agr., 1900; dir. State Food and Drug Lab., 1908-15; consulting nutr. expert, Calif. State Bd. of Health, 1915. Del. to Fifth Intern. Congress for Applied Chem., Berlin, 1903. —*b.* Sydney, Australia, Oct. 6, 1857 (naturalized 1882); *s.* Henry S. and Rebecca (Marks) J.; reared in city; *m.* Adele R. Solomons, Mar. 21, 1895; *c.* Edward Moss, Aileen Raby. Ph.B., Univ. Calif., 1877; M.S., 1896. Sigma Xi; Alpha Zeta.

Jager, Francis, prof. apiculture, Univ. Minn., University Farm, St. Paul, Minn.

Beekeeper, Minneapolis, 1898-1908; Lake Minnetonka, 1908-16; present

position, 1913-. Pres. Nat. Beekeepers Assoc.; dir. Tri State Honey Exchange. Traveled in Europe. Major and chief Red Cross expedition to Serbia, 1918. —*b.* Austria, Apr. 2, 1869 (naturalized 1889); *s.* Andrew and Catherine (Primositch) J.; reared on farm.

Jagger, Ivan Claude, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. prof. plant path., Univ. Rochester and Cornell Univ., 1914-8; plant path., Off. Cotton, Truck and Forage Crop Disease Invests., 1918-. —*b.* E. Palmyra, N. Y., Aug. 12, 1889; *s.* Claude N. and Alvinette (Andrew) J.; reared on farm. B.S.A., Cornell Univ., 1911; M.S., Univ. Wis., 1913. Sigma Xi; Alpha Chi Rho.

James, Delos Lawrence, specialist marketing dairy and poultry products, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Dairy expert, Univ. Ill., 1910. —*b.* Huntley, Ill., Jan. 22, 1885; *s.* Arlo Lawrence and Margaret Louise (Munshaw) J.; reared on farm; *m.* Edna Emma Walter, June 4, 1913; *c.* Marion Louise, Walter Lawrence, Francis. B.S., Univ. Ill., 1909. Sigma Xi; Alpha Zeta.

James, John Ambrose, prof. and chm. dept. agrl. educ. and asst. dean Coll. Agr., Univ. Wis., Madison, Wis.

Teach. rural and graded schs., and princ. high-sch., 1904-10; supt. Racine Co. Sch. Agr., Rochester, Wis., 1912-4; present position, 1914-. —*b.* Livingstone, Wis., Apr. 16, 1884; *s.* Thos. D. and Elizabeth A. (Thomas) J.; reared in small town and on farm; *m.* Mary Ventura Matts, June 18, 1913; *c.* Katherine Ventura, Richard Duncan. B.S.A., Univ. Wis., 1912; grad. work Columbia Univ. and Univ. Wis. Alpha Zeta; Phi Delta Kappa; Acacia.

James, Roy Walter, prof. agr., high-sch., Long Beach, Calif.

Princ. sch., Logandale, Nev., 1 yr.; teach. city schs., Los Angeles, 2 yrs.; princ. sch., San Simeon, Calif., 1 yr. *Auth.:* Dream Prelude and Other Verses, 1920; Scientific Poems, 1925. —*b.* Gardena, Calif., Sept. 23, 1897; *s.* Elmer Dalton and Loretta (Baughman) J.; reared on farm. Grad. Los Angeles Normal Sch.

James, William Knowles, farmer, R. R. No. 3, St. Joseph, Mo.

Circuit judge, St. Joseph; rep. from Andrew Co. to Mo. Legislature, 1917-8. Chm. Andrew Co. Farm Bur.; vice-pres. Mo. Farm Bur. Fed.; dir. from Mo., Amer. Farm Bur. Fed.; bd. governors, Intern. Farm Congress; pres. Bartlett Agrl. and Ind. Sch., Dalton, Mo. —*b.* Sussex Co., Del., Aug. 20, 1852; *s.* Urias Thos. and Eliza Jane (Knowles) J.; reared on farm; *m.* Mary Tootle, Oct. 31, 1883; *c.* Ellen Tootle. A.B., Yale Univ., 1878.

Jamison, Albert Woodward, prof. and head dept. econ. and sociol., Univ. Ark., Fayetteville, Ark.

Lab. asst. Princeton Univ., 1897-9; asst. chem., Ill. Sugar Refining Co., 1899-1900; farmer, 1900-2; teach. high-sch., Peoria, Ill. 1906-9; instr., Bradley Poly. Inst., Peoria, 1909-11; asst. prof. and asst. dean, 1911-2; asst. prof. and dean, 1912-3; assoc. in agrl. ext., Univ. Ill., 1913-5; asst. prof., 1915-20; assoc. prof. econ. and sociol., Univ. Ark., 1922-4; prof., 1924-. —*b.* Peoria, Ill., May 31, 1874; *s.* Chas. Albert and Mary Catherine (Woodward) J.; reared in city; *m.* Edith Virginia Bash, Nov. 10, 1904; *c.* Daniel Bash, Edith Virginia. B.S., Princeton Univ., 1897; M.S., 1899; Ph.D., Univ. Wis., 1923.

Jamison, Neal C., ext. dairyman, Ore. Agr. Coll., Corvallis, Ore.

Field agt. dairying, U. S. Dairy Div. and Wash. State Coll., 1916-7; co. agrl. agt., Hillsboro, Ore., 1917-20; commercial dairy work, Portland, 1920-1; asst. dairy ext., Ore. Agr. Coll., 1921; ext. dairyman, 1923-. —*b.* Pecos, Tex., Dec. 13, 1890; *s.* N. D. and Isa I. (Winans) J.; reared on farm. B.S.A., Ore. Agr. Coll., 1914.

Jansen, Raymond Rowland, teach. agr., high-sch., Medina, N. Y.

Farmer, Fonda, N. Y., 1914-6; princ. and instr. agr., Union Sch., King Ferry, N. Y., 1917-8; instr. agr., Lowville, 1919-24; Medina, 1924-. With Field

Art., U. S. Army, 1918. —*b.* Troy, N. Y., Mar. 2, 1892; *s.* Frank and Ella (Nare) J.; reared on farm; *m.* Hazel Van de Walker, Aug. 12, 1919; *c.* Richard Stuart, Winfred Sterling. B.S., Cornell Univ., 1914; grad. student, 1916-7.

Jaquish, John J., co. agrl. agt., Tunkhannock, Pa.

b. Mansfield, Pa., Sept. 27, 1890; *s.* Elvin Welcome and Martha (Preston) J.; reared on farm; *m.* Mabel Elaine Robbins, July 14, 1918. B.S., Penn. State Coll., 1915.

Jardine, James Tertius, dir. Ore. Exp. Sta., Corvallis, Ore.

Instr. English, Utah Agr. Coll., 1905-7; special agt. in range and range livestock manag., U. S. For. Serv., 1907-10; insp. of grazing, in chg. range invests. and surveys, 1910-20; present position, 1920-; special lect., Yale For. Sch., 1915-7. Owner dry farm in Mont. and Ore. and irrig. farm in Colo. —*b.* Cherry Creek, Ida., Nov. 28, 1881; *s.* Wm. and Rebecca (Dudley) J.; reared on farm. B.S.C.E., Utah Agr. Coll., 1905; grad. student Univ. Chicago, 1905-6.

Jardine, William M., Secretary of Agriculture, U. S. Dept. Agr., Washington, D. C.

Asst., dept. agron., Utah Agr. Coll., 1904; instr., 1905; prof., 1905-6; asst. U. S. cerealist in chg. dry-land cereal invest., U. S. Dept. Agr., 1907-10; agron., Kans. State Agr. Coll. and Exp. Sta., 1910-3; acting dean and dir.. Jan.-July, 1913; dean and dir. 1913-8; pres., 1918-25. Lect., Grad. Sch. Agr., Mich. Agr. Coll., 1912. Manag. Utah Arid Farming Co., 1905; dir. Northern Pure Seed Co., 1908-15. Fellow A. A. A. S. Pres. Intern. Dry-Farming Congress and Soil Products Expos., 1915-6; pres. Amer. Soc. Agron., 1916-7; mem. adv. com., Agrl. Comn. of Amer. Bankers Assoc.; mem. exec. bd., Nat. Res. Council; vice-chm. Kans. State Council of Defense. (Agron.). —*b.* Oneida Co., Ida., Jan. 16, 1879; *s.* Wm. and Rebecca (Dudley) J.; reared on farm and cattle ranch; *m.* Effie Nebeker, Sept. 6, 1905; *c.* Wm. Nebeker, Marian, Ruth. B.S.A., Utah Agr. Coll., 1904; LL.D., Campbell Coll., 1916. Sigma Xi; Beta Theta Pi; Alpha Zeta; Phi Kappa Phi.

Jarnagin, Milton Preston, prof. an. husb., Univ. Ga., Athens, Ga.

Instr. an. husb., Va. Poly. Inst., 1905-7; present position, 1907-. State leader in live-stock ext. for Ga. Sec. Ga. Dairy and Live-Stock Assoc., 1910-; pres. S. Cattlemen Assoc., 1924. Mem. Ga. Acad. Sci. Pres. Glenmore Stock Farm, Jefferson City, Tenn. —*b.* Farmville, Va., Sept. 17, 1881; *s.* Milton P. and Agnes (Watkins) J.; reared on farm; *m.* Dorothy Greve, Sept. 16, 1908; *c.* Milton P., Janet Stirling, Agnes Watkins, Dorothy G. B.S.A., Ia. State Coll., 1905; Sc.D., Univ. Ga., 1920. Phi Kappa Phi; Sigma Alpha Epsilon.

Jarrett, Boyd A., teach. agr. and co. voc. superv., high-sch., W. Chester, Pa.

Teach. public schs., Lycoming Co., 8 yrs.; princ. Avondale Voc. Sch., 5 yrs.; present position, 1920-; asst. co. supt., Chester Co. —*b.* Montgomery, Pa., Sept. 8, 1884; *s.* Geo. W. and Lydia A. (Shaffer) J.; reared on farm; *m.* Bertha R. Ohlinger, June 5, 1913; *c.* Doyle, Boyd Jr., Harold, Norman. B.S., Penn. State Coll., 1913.

Jarvis, Chester Deacon, fruit-grower, Grimsby, Ont.

Div. supt., Intern. Correspondence Schs., Montreal, Que., 1899-1904; hort., Storrs Exp. Sta., 1906-13; dir. ext. serv., Conn. Agr. Coll., 1913-5; specialist in agrl. educ., U. S. Bur. Educ., Washington, 1915-21. Mem. Nat. Res. Council, 1920-1. *Joint auth.*: Trees in Winter, 1912. —*b.* London, Ont., Mar. 29, 1876 (naturalized 1917); *s.* Lyman Gage and Lila (Deacon) J.; reared on farm; *m.* Marion Smith, Oct. 3, 1901. B.S.A., Ont. Agr. Coll., 1899; Ph.D., Cornell Univ., 1909. Sigma Xi.

Jay, Russell David, farmer, Mendon, Mo.

Farm operator, Clinton Co., O., 1906-12; asst. field agt., Ohio Exp. Sta., 1912-5; co. agrl. agt., Carrollton, Mo., 1916-9; manag. Farmers Grain and Supply Co., Carrollton, 1919-21; agrl. agt.

Chariton Co., 1921-4. —*b.* New Burlington, O., Mar. 23, 1883; *s.* Jas. and Elida (Coffin) J.; reared on farm; *m.* Mary Ethel Greene, Dec. 24, 1906; *c.* Miriam, Wilbur. B.S., Wilmington Coll., O., 1906; student Univ. Mo., 1915-6.

Jeffers, Dwight Smithson, assoc. prof. for., Ia. State Coll., Ames, Ia.

With U. S. Reclamation Serv., 1907-9; with U. S. For. Serv., 1911-21.—*b.* Deland, Ill., May 21, 1883; *s.* E. M. and Florence (Smithson) J.; reared in town; *m.* Helen A. Nelson, Dec. 14, 1914; *c.* Dwight Nelson, Betty Jo. A.B., Ill. Wesleyan, 1906; M.F., Yale Univ., 1911. Tau Kappa Epsilon; Phi Kappa Phi; Gamma Sigma Delta.

Jeffers, Henry William, pres. Walker Gordon Laboratory Co., Plainsboro, N. J.

Mem. N. J. State Bd. Agr.; mem. adv. com., U. S. Food Adminis. and U. S. Dept. Agr. Studied agrl. conditions in Europe, 1913. —*b.* Kingsley, Pa., Jan. 4, 1871; *s.* Watson and Betsey M. (Oakley) J.; reared on farm; *m.* Anna C. Adams, July 14, 1898; *c.* Emily A., Henry W., Louise E. B.S.A., Cornell Univ., 1898. Kappa Sigma.

Jefferson, Lorian Pamelia, asst. prof. agrl. econ., Mass. Agr. Coll., Amherst, Mass.

Res. sec., Mass. Agr. Coll., 1912-7; asst. prof. rural social sci., 1917-20; present position, 1920-. Mem. exec. com., New England Branch, Women's Nat. Farm and Garden Assoc. Contr. to Book of Rural Life. —*b.* Monroe Center, Wis., Oct. 14, 1871; *d.* Jas. and Lorian (Hinkley) J.; reared in town. B.L., Lawrence Coll., Appleton, Wis., 1893; M.A., Univ. Wis., 1907. Phi Beta Kappa; Phi Kappa Phi; Delta Phi Gamma.

Jeffery, Joseph A., land comnr., Duluth South Shore and Atlantic Ry., Marquette, Mich.

Asst. prof. agr., N. D. Agr. Coll., 1896-7; asst. prof. soil physics, Univ. Wis., 1897-9; asst. prof. agr., Mich. Agr. Coll., 1899-1902; prof. soils and soil physics, 1902-13; soil physicist, Mich. Exp. Sta., 1908-13; present position, 1913-. *Auth.*: Text-book of Land Drainage, 1916. —*b.* Cornwall, Pa., Sept. 17, 1859; *s.* John and Mary (Davis) J.; reared on farm; *m.* Lucy A. Smith, June 30, 1887; *c.* Alice E., Raymond L. B.S.A., Univ. Wis., 1896. Alpha Zeta.

Jeffress, Florence, home dem. agt., Wilmington, N. C.

b. S. Boston, Va., May 2, 1892; *d.* C. J. and Maria Love (Osborne) J.; reared on farm. B.S., N. C. Coll. for Women, 1913.

Jeffrey, Arthur Allan, agrl. ed., Univ. Mo., Columbia, Mo.

Manag. ed., Clarinda, Ia., Herald, 1905-12; farmer, 1912-8; assoc. ed. Missouri Ruralist, 1916-20. —*b.* La-Crew, Ia., July 9, 1882; *s.* Asael H. and Mary D. (Hampton) J.; reared on farm; *m.* Edna Lisle, June 27, 1906; *c.* Eleanor, Frances, Allan, Lisle. A.B., Simpson Coll., Indianola, Ia., 1905.

Jeffries, John William, co. agrl. agt., Mebane, N. C.

b. Alamance Co., N. C., Jan. 15, 1897; *s.* Chas. and Arneida (Jones) J. (col.); reared on farm; *m.* Mamie Jeffries, Oct. 29, 1917; *c.* Iris, John W. Jr., Elton Ray, Hulon Moton. Student A. & T. Coll., Greensboro, N. C.

Jehle, Robert Andrew, specialist in path., Univ. Md., College Park, Md.

Lab. asst. plant path., Univ. Minn., 1909-10; prof. sci. and agr., high-sch., Wheaton, Minn., 1910-1; fellow plant path., Cornell Univ., 1911-2; asst. plant path., Kans. State Agr. Coll., 1912-3; instr., Cornell Univ., 1913-4; asst. plant path., Cuba Exp. Sta., 1914-5; asst. plant path., Fla. State Plant Bd., 1915-7; ext. path., N. C. Exp. Sta., 1917-20; present position, 1920-. (Brown-rot of orchard fruits). —*b.* St. Paul, Minn., Jan. 30, 1882; *s.* John and Rose (Denzer) J.; reared in city and on farm; *m.* Effie V. Crum, Dec. 28, 1912; *c.* Ruth Amanda, John Robt., Arthur Eugene. B.S.A., Univ. Minn., 1905; M.S.A., 1910; Ph.D., Cornell Univ., 1914. Sigma Xi.

Jenkins, Arthur Hugh, ed. The Farm Journal, Jenkintown, Pa.

b. West Chester, Pa., Dec. 5, 1880; *s.* Howard M. and Mary Anna (Atkinson) J.; reared in country; *m.* Ann T. Roberts, June 2, 1915. B.L., Swarthmore Coll., 1901. Delta Upsilon.

Jenkins, Charles Francis, pres. Wilmer Atkinson Co., publisher of Farm Journal, 232 S. 7th St., Philadelphia, Pa.

Pres. Swarthmore Chautauqua Assoc.; treas. Amer. Friends Serv. Com.; pres., Buck Hill Falls Co.; vice-pres. Bd. Managers, Swarthmore Coll.; treas. Amer. Country Life Assoc.; pres. Trans-Atlantic Soc. of Amer. *Auth.*: Quaker Poems, A Collection of Verse Relating to the Society of Friends, 1893; Guide Book to Historic Germantown, 1902; Washington in Germantown, 1905; Jefferson's Germantown Letters, 1906; Lafayette's Visit to Germantown, 1911. —*b.* Norristown, Pa., Dec. 17, 1865; *s.* Howard M. and Mary Anna (Atkinson) J.; *m.* Maria G. Cope, Feb. 12, 1890.

Jenkins, Edward G., state boys club agt., Univ. Md., College Park, Md.

Chief sect. training camps, training farms and supply camps, U. S. Boys Working Reserve, Dept. Labor and ed. Boy Power. —*b.* Prompton, Pa., June 18, 1873; reared on farm; *m.* Bertha L. Clark, 1902; *c.* Stanleigh E., Eben C.

Jenkins, Edward Hopkins, dir. emeritus Conn. Agr. Exp. Sta., New Haven, Conn.

Chem., Conn. Exp. Sta., 1877-1900; dir., 1900-23; treas., 1901-23. Chm. State Sewerage Comn., 4 yrs. Fellow A. A. A. S. —*b.* Falmouth, Mass., May 31, 1850; *s.* John and Chloe (Thompson) J.; reared on farm; *m.* Elizabeth E. Foote, June 16, 1885. B.A., Yale Univ., 1872; Ph.D., 1879; studied Univ. Leipzig and For. Sch., Tharandt, Saxony. Psi Upsilon.

Jenkins, Merle Truman, asst. agron., U. S. Dept. Agr., Ia. State Coll., Ames, Ia.

Sci. asst., Bur. Plant Ind., U. S. Dept. Agr., 1919-22; asst. agron., 1922-. 2d Lieut. Inf., U. S. Army, 1917-9. (Corn breeding). —*b.* Brookings, S. D., Jan. 4, 1895; *s.* John C. and Alice (Truman) J.; reared in town; *m.* Ruth E. Bussard, Nov. 1, 1917. B.S.A., Ore. Agr. Coll., 1916; M.S., Ia. State Coll., 1925. Delta Upsilon.

Jenkins, Perry Wilson, rancher, engin., senator, Cora, Wyo.

Prof. math., Tenn. Military Acad., 1890-1; prof. math. and astronomy, Amity Coll., 1892-5; prof. math. and astronomy, Simpson Coll., 1895-9; prof. math. and dir. Underwood Observatory, Lawrence Univ., 1900-5. In Wyo. State Legislature, 1917-24; State Senate, 1925-9. Rancher. Vice-pres. Great Lakes-St. Lawrence Tidewater Assoc.; mem. exec. com. Amer. Nat. Livestock Assoc.; Wyo. Livestock Assoc. —*b.* Mt. Carmel, Ind., Apr. 5, 1867; *s.* Wilson R. and Susan (Smith) J.; reared on farm and in town; *m.* Eva C. Smith, 1898; *c.* Miriam, Lois, Helen Ruth. A.B., Miami Univ., 1890; A.M., 1892; A.M., Columbia Univ., 1900. Phi Beta Kappa; Delta Kappa Epsilon.

Jenks, Floyd B., prof. agrl. educ., Univ. Vt., Burlington, Vt.

Manag. ranch, Kearney, Neb., 1899-1900; manag. dairy farm, Evansville, Ind., 1901; general farmer and teach. rural schs., Vermillion Co., Ind., 1901-4; teach. biol. and agr., Goshen, Ind., 1904-8; instr. agrl. educ., Mass. Agr. Coll., 1908-9; asst. prof., 1909-11; specialist in agrl. educ., U. S. Bur. Educ., 1911-3; present position, 1913-. —*b.* Toronto, Ind., July 7, 1876; *s.* Stephen and Mary Elizabeth (James) J.; reared on farm; *m.* Lucile Major, 1909; *c.* Major B., Robt. Stephen, David Wilson, Marjorie, Wm. Lee, Paul Calvin, Elizabeth. B.S.A., Purdue Univ., 1898.

Jennison, Harry Milliken, prof. bot., Univ. Tenn., Knoxville, Tenn.

Instr. bot., Mass. Agr. Coll., 1908-10; Wabash Coll., 1910-1; instr. bot. and bact., Mont. State Coll., 1911-3; asst. prof., 1913-22; assoc. prof. bot., Univ. Tenn., 1922-4; prof., 1924-. (Plant path., bact.). —*b.* Worcester, Mass., June 24, 1885; *s.* Hobart N. and Etta (Milliken) J.; reared on farm; *m.* Alice Laura Washburn, Aug. 8, 1912; *c.* John Robt., Geo. Henry, Dorothy

Etta. B.S., Mass. Agr. Coll., 1908; M.A., Wabash Coll., 1911; grad. student, Washington Univ., 1915-7, 1922. Sigma Xi; Phi Kappa Phi.

Jensen, Irving Joseph, asst. prof. agron. and asst. agron. Exp. Sta., Mont. State Coll., Bozeman, Mont.

Asst. agron., Utah Agr. Coll., 1918-20; present position, 1921-. (Plant-breeding). —*b.* Hyrum, Utah, Apr. 8, 1897; *s.* John and Anna (Israelson) J.; reared on farm; *m.* Lola Cazier, 1919; *c.* Deliene. B.S., Utah Agr. Coll., 1918; M.S., 1924. Phi Kappa Phi; Gamma Sigma Delta; Phi Kappa Iota.

Jensen, Katherine, dir. home econ., Univ. Ida., Moscow, Ida.

Instr. home econ., Normal Univ., Emporia, Kans. summer 1912; N. D. Agr. Coll., 1912-4; head home econ. ext., Mont. State Coll., 1914-6; head home econ. dept., N. D. Agr. Coll., 1916-9; present position, 1919-. —*b.* Buffalo, N. D., Mar. 29, 1885; *d.* Andrew and Engeborg (Schmidt) J.; reared on farm. B.S., N. D. Agr. Coll., 1904; M.S., Univ. Ill., 1912.

Jensen, Ward C., specialist agrl. econ., Clemson Agr. Coll., Clemson College, S. C.

Asst. prof. agron., Clemson Agr. Coll., 1919-22; asst. agrl. econ., Univ. Wis., 1922-3; present position, 1923-. State rep. for S. C., Amer. Farm Econ. Assoc. Sergeant, U. S. Army, 1918-9. —*b.* Shelby Co., Ia., Feb. 23, 1896; *s.* J. A. and Mary J.; reared on farm; *m.* Catherine Dortzbach, Sept. 2, 1919; *c.* Alvin Julius. B.S., Univ. Calif., 1917; M.S.A., Cornell Univ., 1920.

Jent, John William, dean and prof. rural sociol., Okla. Baptist Univ., Shawnee, Okla.

Small grain farmer, S. Kans., 1896-9; country preacher, S. W. Mo., 1897-1902; country pastor, Tex., 1903-11; registrar S. W. Baptist Theol. Sem., 1909-13; registrar Okla. Baptist Univ., 1913-7; bursar, 1918-9; dean, 1922-; prof. sociol., 1915-; prof. rural sociol., 1922-. Vice-pres. S. Sociol. Congress, Okla. Baptist General Conv. *Auth.*: Primacy of Personality in Pedagogy, 1914; The Challenge of the Country Church, 1924. —*b.* Franklin, Ky., Mar. 19, 1877; *s.* Thos. and Nannie (Jackson) J.; reared on farm; *m.* Jessie Pollard, Aug. 30, 1904; *c.* Wm. Pollard, John Thos. Th.B., S. Baptist Theol. Sem., 1907; Th.M., S. W. Baptist Theol. Sem., 1908; Th.D., 1912; B.L., Baylor Univ., 1910; A.B., Yale Univ., 1911; A. M., 1914; A.M., with professional diploma Rural Community Worker, Columbia Univ., 1922.

Jesness, Oscar Bernard, prof. and chief sect. markets, Univ. Ky., Lexington, Ky.

Instr. agr., high-sch., Winthrop, Minn., 1912-3; asst., Univ. Minn., 1914-5; specialist coop. organization, Bur. Markets, U. S. Dept. Agr., 1915-20; present position, 1920-. *Auth.*: The Cooperative Marketing of Farm Products, 1923. —*b.* Morris, Minn., Feb. 4, 1889; *s.* O. L. and Bertha (Larson) J.; reared on farm; *m.* Ella E. Freeland, Aug. 9, 1916. B.S.A., Univ. Minn., 1912. Alpha Zeta.

Jesness, Peter Martin, co. agrl. agt., Fairfield, Ida.

Manag. ed., Camas Co. Farm Bur. News. (An. husb.). —*b.* Fosston, Minn., May 4, 1892; *s.* Peter L. and Mary (Larson) J.; reared on farm and in town. B.S., Univ. Minn., 1921. Alpha Zeta.

Jester, W. Clayton, co. agrl. agt., Oakland, Md.

Sci. soil survey, U. S. Bur. Soils, 1921-2. Corporal U. S. Army, 1918. (Soils). —*b.* Wilmington, Del., Feb. 16, 1898; *s.* M. Howard and Flora (Clayton) J.; reared on farm; *m.* Myra Wasser, Aug. 1924. B.S., Univ. Md., 1921; M.S., Ia. State Coll., 1922. Sigma Nu.

Jeter, Frank Hamilton, agrl. ed., N. C. State Coll., Raleigh, N. C.

Asst. to dir., S. C. Exp. Sta., 1912-3; field man in fert. exp., German Kali Works, Atlanta, Ga., 1913-4; present position, 1914-. Agrl. ed. for Soil Improvement Com., Southern Fertilizer Assoc., 1920-2. Vice-pres. Amer. Assoc.

of Agrl. Coll. Editors; mem. exec. com., 1918; pres., 1919-20; sec.-treas., 1924-5. Sec. N. C. Thrift Comn. —*b.* Santuck, S. C., May 2, 1891; *s.* L. B. and Janie (Hamilton) J.; reared on farm; *m.* Irene A. Albert, June 8, 1914; *c.* Frank H. Jr., R. Vernon. B.S.A., Clemson Agr. Coll., 1911. Alpha Gamma Rho.

Jewell, Don Beebe, co. agrl. agt., Bellaire, Mich.

Sci. aid, U. S. Dept. Agr., 1901-2; dir. agr., State Normal, Athens, Ga., 1910-1; dir. agr., Sch. Distr. No. 6, Deer River, Minn., 1912-3; agrl. agt., Koochiching Co., Minn., 1913-5; co. supt. schs., 1915-8; agrl. agt., Itasca Co., 1918-20; Cheboygan Co., Mich., 1921-4; Antrim Co., 1925-. Pres. Minn. Agrl. Men's Assoc., 1912. —*b.* Hastings, Mich., Apr. 6, 1879; *s.* Wm. H. and Roxanna L. (Beebe) J.; reared on farm; *m.* Vida M. Norris, June 10, 1906; *c.* Robt. E., Paul N. B.S., Mich. Agr. Coll., 1901; grad. Mich. State Normal, 1907.

Joel, Arthur Henry, prof. soils, Univ. Sask., Saskatoon, Sask.

Asst. soils, Mich. Agr. Coll., 1922; asst. prof. soils, Univ. Sask., 1923-4; prof. and head dept., 1925-. 1st Lieut. Inf., U. S. Army; served in A. E. F. *Auth.*: Under The Lorraine Cross. —*b.* Plymouth, Pa., Apr. 5, 1896; *s.* W. E. and Mary (Parrish) J.; reared in town and on farm; *m.* Nila Cliffe, Aug. 1922. B.S.A., Mich. Agr. Coll.

Johannsen, Oskar Augustus, prof. ent., Cornell Univ., Ithaca, N. Y.

Instr., Cornell Univ., 1899-1904; asst. prof., 1904-9; ent., Me. Agr. Exp. Sta., 1909-12; asst. prof. biol., Cornell Univ., 1912-4; prof., 1914-8; prof. ent., 1918-. *Auth.*: The Mycetophilidae, Genera Insectorum, 1909; (with Riley) Medical Entomology, 1915. —*b.* Davenport, Ia., May 14, 1870; *s.* Christian and Caroline (Sturk) J.; reared in town; *m.* Harriette F. Fuller, Sept. 23, 1896; *c.* Dorothea, Lawrence, Robt. B.S., Univ. Ill., 1894; A.M., Cornell Univ., 1902; Ph.D., 1904. Sigma Xi; Tau Beta Pi; Phi Kappa Phi; Gamma Alpha.

Johnson, Aaron Guy, path. Off. Cereal Invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. systematic bot., Mo. Bot. Gard., St. Louis, 1903-6; asst. bot. and hort., S. D. State Coll., 1906-8; asst. bot., Purdue Exp. Sta., 1908-11; asst., instr., asst. prof., assoc. prof. plant path., Univ. Wis., 1911-22; path. Off. Cereal Invests., 1914-. Fellow A. A. A. S. —*b.* Brookings Co., S. D., Sept. 1, 1880; *s.* Gustav and Lovis Albertina (Johnson) J.; reared on farm; *m.* Ruth Marian Westcott, Aug. 30, 1911; *c.* Lewis Rockwell, Marian Westcott, Lawrence Westcott. B.S., S. D. State Coll., 1907; M.S., Purdue Univ., 1911; Ph.D., Univ. Wis., 1914. Sigma Xi.

Johnson, Albert Aaron, agrst., educator, Hempstead, L. I., N. Y.

Prof. agr., N. Ga. Agr. Coll., Dahlonega, 1907-8; princ. Marinette Co. Sch. Agr. and Dom. Sci., Wis., 1908-9; princ. and organizer La Crosse Co. Sch. Agr. and Dom. Sci., Onalaska, Wis., 1909-12; supt. and organizer Milwaukee Co. Sch. Agr. and Dom. Sci., Wauwatosa, 1912-4; dir. and organizer N. Y. State Inst. of Applied Agr., Farmingdale, 1914-23. Served in Spanish-Amer. War and in Philippine Insurrection, 1898-9. Ranch foreman and manag. agrl. reconstruction work in Armenia and Turkey, 1921; chm. Russian Comn. of Near East Relief. Traveled Russia, 1921, studying cause and effect of crop failure and famine of 1921; studied and reported on agrl. reconstruction work in devastated area of France for Amer. Com. for Devastated France, 1921; study of agrl. educ. and methods of Russia, Poland, 1923. —*b.* McFarland, Wis., Jan. 1, 1880; *s.* Isaac and Aase (Bakke) J.; reared on farm; *m.* Anne Ellene Glenn, 1909; *c.* Albert Richard, Wm. Glenn. B.S.A., Univ. Wis., 1907. Alpha Tau Omega.

Johnson, Anna McQueston, rural leader, Hadley, Mass.

Teach. grade schs., 1892-6. Chm. Mass. State Grange home econ. com.; trustee Hampshire Co. Farm Bur. and chm. homemaking com.; lect. Hadley Grange; co. food adminis. for Hamp-

shire Co., Mass. Traveled in British Isles. (Home econ.). —*b.* Northampton, Mass., May 23, 1876; *d.* John and Rosetta (McClure) McQueston; reared on farm; *m.* Clifton Johnson, May 25, 1896; *c.* Margaret Burroughs, Arthur Stephen, Roger Chas., Irving McClure, Catherine Reynolds.

Johnson, Arnold Harvey, asst. chem., Mont. Agr. Exp. Sta., Bozeman, Mont.

Asst. prof. biochem., Univ. Minn., 1923-5; present position, 1925-. (Cereal chem.). —*b.* Minneapolis, Minn., Nov. 21, 1896; *s.* M. H. and Carrie (Johnson) J.; reared in city. B.S., Univ. Minn., 1921; M.S., 1923; Ph.D., 1924. Sigma Xi; Alpha Zeta; Gamma Alpha; Phi Lambda Upsilon.

Johnson, Curtis Martell, pres. Minn. State Fair, Rush City, Minn.

Mem. Rush City Sch. Bd., 14 yrs., pres. 4 yrs.; sec. Chicago Co. Agrl. Fair, 11 yrs.; dir. Minn. State Fair Bd., 6 yrs., pres., 2 yrs. Pres. Minn. Implement Dealers Assoc.; pres. Nat. Fed. Retail Implement Dealers Assoc.; dir. Minn. Implement Mutual Fire Insurance Co. Mayor Rush City, candidate for Gov. of Minn., 1924. —*b.* Rush City, Minn., Apr. 20, 1877; *s.* Samuel C. and Mary A. (Martell) J.; reared in city; *m.* Augusta M. Eddy, Oct. 16, 1901; *c.* Howard M., Stuart C. Grad. Hamline Univ., 1899.

Johnson, David Llewellyn, farmer, Berlin, Md.

Del. to Farmers Nat. Congress, 1918, 1919. —*b.* Frederick, Md., July 2, 1893; *s.* John L. and Rebecca K. (Strubble) J.; reared in town; *m.* Hazel Jones, Mar. 3, 1917; *c.* Mary Gordon. B.S.A., Md. State Coll., 1914. Sigma Nu.

Johnson, David Russell, assoc. prof. soils, Ia. State Coll., Ames, Ia.

Asst. prof. agron. and asst. agron. Exp. Sta., Okla. A. & M. Coll., 1917-20; present position, 1920-. —*b.* Millersville, Ind., Jan. 21, 1893; *s.* John R. and Sarah Ellen (Gerstley) J.; reared on farm; *m.* Mary Lois Davidson, Feb. 18, 1920; *c.* David L. B.S.A., Purdue Univ., 1916; M.S., Ia. State Coll., 1917. Lambda Chi Alpha; Gamma Sigma Delta.

Johnson, Edward Carl, dean Coll. Agr. and dir. Exp. Sta., Wash. State Coll., Pullman, Wash.

Student asst. bot., Univ. Minn., 1905-6; instr., 1906-7; asst. plant path., U. S. Dept. Agr., 1907; plant path. in chg. cereal disease work, 1908-12; supt. insts. and dems., Kans. State Agr. Coll., 1912-8; dean div. coll. ext., 1915-8; present position, 1919-. Chm speakers bur., Kans. State Council Defense; mem. Fed. Food Adminis. for Kans. and chm. speakers bur., Kans. Food Adminis. Fellow A. A. A. S. Contr. to Book of Rural Life. (Farm manag., agrl. econ.). —*b.* Otisco, Minn., Apr. 18, 1880; *s.* August and Josephine (Erikson) J.; reared on farm; *m.* Ruth Daniels, June 28, 1911; *c.* Carola, Josephine Ruth. B.A., Univ. Minn., 1906; MA., 1907; studied Geo. Washington Univ., 1910-1. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Johnson, Floyd LeRoy, farmer and stockman, Boone, Ia.

Farmer and stockman, Boone, Ia., 1912-8, 1923-; agrl. agt. De Witt Co., Clinton, Ill., 1918-20; proprietor automobile business, 1920-2. Sec.-treas. De Witt Co. Nat. Farm Loan Assoc., 1919. —*b.* Boone, Ia., Dec. 28, 1885; *s.* Theodore and Alma M. (Anderson) J.; reared on farm; *m.* Charlotte L. Hatcher, Nov. 28, 1918. B.S.A., Ia. State Coll., 1912.

Johnson, George Fiske, ed., Pa. Dept. Agr., Camp Hill, Pa.

Assoc. ed. Ind. Farmers Guide, 1919-23; fellow agrl. econ., Univ. Wis., 1923-4. (Agrl. econ.). —*b.* Minneapolis, Kans., May 8, 1898; *s.* Chas. H. and Bertha (Fisher) J.; reared on farm; *m.* Inga Nelson, Nov. 29, 1924. B.S., Ohio State Univ., 1919; M.S., Univ. Wis., 1922. Alpha Zeta.

Johnson, Harold Fay, asst. sec. Fed. Land Bank, Springfield, Mass.

Ext. asst. an. and dairy husb., Univ. Vt., 1914-7; agt. Orleans Co., 1917-20; agt. New London Co., Conn., 1920-3; present position, 1923-. —*b.* Brattleboro, Vt., July 11, 1892; *s.* Frank Allyn

and Emma Jane (Fay) J.; reared on farm; *m.* Edith Ellen Merrihew, June 11, 1917. B.S., Univ. Vt., 1914. Alpha Zeta.

Johnson, Harry Julius, instr. voc. agr., high-sch., Fosston, Minn.

Instr. agr., high-sch., LeSueur Center, Minn., 1918; agrl. agt. LeSueur Co., 1918-20; farmer, 1920-3; present position, 1923-. —*b.* Eagle Bend, Minn., Feb. 12, 1894; *s.* Andrew G. and Lena (Nelson) J.; reared on farm; *m.* Grace F. Durose, May 18, 1918; *c.* Phyllis Mary, Wesley Dale. B.S.A., Univ. Minn., 1923. Alpha Gamma Rho.

Johnson, Isaac B., manag. live-stock dept. and acting sec., N. D. Farm Bur. Fed., Fargo, N. D.

Asst. an. husb., W. Va. Univ., 1913-4; co. agrl. agt. Columbus, Ind., 1914-7; co. agt. leader, S. D. State Coll., 1917-20; live-stock breeding and farm organization work in Minn., Farmington, 1920-3; present position, 1923-. *Auth.*: County Agent Handbook. —*b.* Humboldt, Ia., May 30, 1890; *s.* J. C. and Bertha (Anderson) J.; reared on farm; *m.* Emma A. Gamble, June 17, 1914; *c.* Gladys Marguerite, Irwin Bernhard. B.S.A., Ia. State Coll., 1913; M.A., 1921.

Johnson, James, prof. hort., Univ. Wis., and agt. U. S. Dept. Agr., Madison, Wis.

Asst. hort., Univ. Wis., 1909-11; instr., 1911-5; asst. prof., 1915-9; assoc. prof., 1919-22, prof. 1922-; collaborator, U. S. Dept. Agr., 1915-7; agt., U. S. Dept. Agr., 1917-. —*b.* Deerfield, Wis., May 11, 1886; *s.* Hans and Karen (Martinsen) J.; reared on farm; *m.* Dorothy E. Perrin, Sept. 16, 1913; *c.* Emily Karen, David Perrin. B.S.A., Univ. Wis., 1909; M.S., 1911; Ph.D., 1918. **Sigma Xi.**

Johnson, James Augustus, distr. agrl. agt., Chamber of Commerce, Macon, Ga.

Agrl. agt. Crisp Co., Ga., 1914-7; distr. agrl. agt., 4th Congressional Distr., 1917-21; Macon Distr., 1921-. —*b.* Thomasville, Ga., Jan. 28, 1886; *s.* Patrick Henry and Mary M. (Redfern) J.; reared on farm; *m.* Ruth McKoy, Dec. 22, 1915; *c.* Coy Elizabeth, Jas. A. Jr. B.S.A., Univ. Ga., 1914.

Johnson, Lilian Wyckoff, teach. and farmer, Monteagle, Tenn.

Teach. hist., Vassar Coll., 1893-7; asst. prof. hist., Univ. Tenn., 1902-4; pres. W. Coll. for Women, Oxford, O., 1904-7; teach. ancient hist., high-sch., Memphis, 1908-12; organizer and educator in rural mt. community, 1916-. Mem. Amer. comn. for study agrl. conditions in Europe, 1913; traveled in Egypt, Greece, Palestine. —*b.* Memphis, Tenn., June 16, 1864; *d.* J. Cumming and Elizabeth (Fisher) J.; reared in country. Student Wellesley Coll., 2 yrs.; A.B., Univ. Mich., 1891; Ph.D., Cornell Univ., 1902. Phi Beta Kappa.

Johnson, Lucius Wiley, co. agrl. agt., Rock Hill, S. C.

Farmer, 6 yrs.; teach. voc. agr., 1 yr.; agrl. agt. York Co., S. C., 1924-. In Air Serv., World War. —*b.* Tuscaloosa, Ala., Feb. 20, 1889; *s.* L. W. and M. P. (Browne) J.; reared on farm; *m.* Amelia Magdalene Hartung, Nov. 4, 1923. B.S.A., Ala. Poly. Inst., 1918. Phi Kappa Phi.

Johnson, Marvin Dickson, instr. voc. agr., high-sch., Houston, Ark.

Instr. voc. agr., Damascus, 1922-4; chg. dept. agr., Ark. Teach. Coll., summer 1924; present position, 1924-. Served in World War. (Dairying). —*b.* Waldo, Ark., Feb. 18, 1895; *s.* Jesse D. and Nancy Elizabeth (Dickson) J.; reared on farm; *m.* Grace Samuelson, July 4, 1922; *c.* Marvin D. Jr. B.S.A., Univ. Ark., 1922.

Johnson, Oliver Ray, prof. farm manag., Univ. Mo., Columbia, Mo.

Asst. farm manag., Univ. Mo., 1911-2; instr., 1912-3; asst. prof., 1913-4; chm. dept., 1914-; assoc. prof., 1916-9; prof., 1919-. With U. S. Army, 1917-9. —*b.* Raymond, Kans., Nov. 15, 1887; *s.* Oliver Henry and Sarah Matilda (Minor) J.; reared on farm; *m.* Ruth Phillips, 1911; *c.* Oliver Henry, Dorothy Elizabeth. B.S.A., Univ. Mo., 1910; M.A., 1912. Sigma Xi; Gamma Sigma Delta.

Johnson, Paul Allen, co. agrl. agt., Faribault, Minn.

Instr. agr., high-sch., Harmony, Minn., 1913-7; Tracy, 1917-8; agt. Martin Co., 1918-24; instr. agr., high-sch., Faribault, 1924; agt. Rice Co., 1924-. —*b.* Cherokee, Ia., Oct. 31, 1889; *s.* Geo. A. and Eliza (Head) J.; reared on farm; *m.* Minnie B. Aug, Nov. 24, 1914; *c.* Geo. Frederick, Pauline May, Robt. Allen, Elizabeth Louise. B.S., Ia. State Coll., 1913. Alpha Zeta.

Johnson, Reuben Lee, teach. voc. agr., Emanuel Co. Inst., Graymont, Ga.

Teach. agr., Wedowee and Fayette, Ala., 1920-2; Opelika, 1922-3; Graymont, Ga., 1923-. —*b.* Dadeville, Ala., Apr. 21, 1894; *s.* Sim and Josephine (Knox) J.; reared on farm; *m.* Iona Kirby, June 9, 1922; *c.* Kirby, Knox. B.S., Ala. Poly. Inst., 1920.

Johnson, Ronald Earle, co. agrl. agt., Huntington, Ind.

Instr. agr., Oakland City Coll., 1920; asst. farm manag., Purdue Univ., 1921-2; instr., 1922-3; agrl. agt. Huntington Co., 1923-. 2d Lieut. Inf., U. S. Army, 1917-9. (Farm manag.). —*b.* Princeton, Ind., Aug. 17, 1895; *s.* Samuel Grant and Ninna (Turnham) J.; reared on farm; *m.* Kesstle E. Johnson, Apr. 13, 1920. B.S.A., Purdue Univ., 1921; M.S., 1922. Kappa Delta Pi.

Johnson, Samuel Arthur, dean of faculty and assoc. prof. zool., Colo. Agr. Coll., Fort Collins, Colo.

Teach. Cathedral Sch., Pekin, Ill., 1892-3; public schs., Elkhart, Ill., 1893-5; West Side High-Sch., Denver, Colo., 1896-1902; present position, 1902-. *Auth.*: Colorado School Law, 1896. —*b.* Morristown, N. J., Dec. 13, 1866; *s.* Chas. Henry and Abigail Emily (Johnson) J.; reared on farm; *m.* May A. Bice, Jan. 15, 1896; *c.* Alice Mary, Miriam Abigail, Frederick Bice. B.S., Rutgers Coll., 1891; M.S., 1895. Delta Kappa Upsilon; Alpha Zeta; Pi Delta Epsilon.

Johnson, Samuel Houston, teach. agr. and princ. Lauderdale Co. Training Sch., Ripley, Tenn.

b. Baldwyn, Miss., Dec. 20, 1880; *s.* Clint and Charity (Lucas) J. (col.).; reared on farm and in city; *m.* Willia Steven, Dec. 27, 1911. A.B., Lane Coll., 1910; student Hampton Inst.

Johnson, Stephen B., florist, Montrose, Colo.

Asst. hort., N. D. Agr. Coll., 1912-3; asst. prof. hort., Univ. Ariz. —*b.* Louisville, Ky., Jan. 4, 1891; *s.* Wm. Robt. and Salome Jeanne (Shadbourne) J.; reared in city and on farm; *m.* Myrtle I. Lewis, Aug. 27, 1912; *c.* Donald Lewis, Stephen B. Jr., Robt. Jean. B.S., Okla. A. & M. Coll.

Johnson, Thomas Carskadon, dir. Va. Truck Exp. Sta., Norfolk, Va.

Acting prof. hort., Univ. Mo., 1901-2; fellow hort., Cornell Univ., 1902-3; instr. hort. and bot., W. Va. Univ., 1903-6; asst. prof., 1906-7; present position, 1908-. Fellow A. A. A. S. Pres. Amer. Soc. for Hort. Sci., 1917. (Hort., soil fert.). —*b.* Long Reach, W. Va., Jan. 1, 1870; *s.* Daniel D. and Mary M. (Martin) J.; reared on farm; *m.* Laura Boughton, Aug. 28, 1907; *c.* Travis C. B.S.A., W. Va. Univ., 1896; A.M., 1900. Gamma Alpha.

Johnston, Earl Steinford, assoc. prof. plant physiol., Univ. Md. and assoc. plant physiologist, Exp. Sta., College Park, Md.

Instr. sci., Pennington Boys' Sch., N. J., 1913-4; asst. Md. Weather Serv., summer, 1914; asst. Desert Lab., Tucson, Ariz., summer, 1915; res. asst. in plant physiol., Johns Hopkins Univ., 1914-7; present position, 1917-. —*b.* Quarryville, Pa., Feb. 5, 1889; *s.* Chas. B. and Anne (Steinford) J.; reared in town; *m.* F. Virginia Andes, Sept. 8, 1917. Ph.B., Dickinson Coll., 1913; A.M., 1914; Ph.D., Johns Hopkins Univ., 1917. Theta Chi; Gamma Alpha.

Johnston, Edward Mervyn, agrl. and live-stock statistician, U. S. Bur. Agrl. Econ., 308 Federal Bldg., Houston, Tex.

Tracing clerk, Amer. Express Co., Rochester, N. Y., 1910-1; sci. asst. and supt. Beaumont Coop. Rice Exp. Sta.,

Beaumont, Tex., 1911-4; in chg. cereal invests., Bellefourche Exp. Sta., Newell, S. D., 1915; plant collector, Seed Lab., Bur. Plant Ind., 1915; superv. advanced registry, an. husb. dept., Univ. Calif., 1915-7; agrl. statistician, U. S. Dept. Agr., 1917-. —*b.* Caldwell, Kans., Feb. 21, 1885; *s.* Chas. McLean and Anna Calvert (Hamilton) J.; reared on farm; *m.* Gertrude Elsa Haulenbeck, Jan. 17, 1906. B.S., Kans. State Agr. Coll., 1908; B.S.A., Cornell Univ., 1910; M.S., Univ. Calif., 1915.

Johnston, Ralph E., ext. agron., S. D. State Coll., Brookings, S. D.

Student asst. agron., S. D. State Coll., 1915-6; co. agrl. agt., Hot Springs, S. D., 1916-20; present position, 1920-. Contr. to Book of Rural Life. —*b.* Mitchell, S. D., June 2, 1891; *s.* E. S. and Nellie (Katherine) J.; reared in town; *m.* Blanche Marie Avery, Sept. 4, 1917. B.S., S. D. State Coll., 1916.

Johnston, Thomas Robert, asst. co. agt. leader, and dir. Univ. News Bur., Purdue Univ., LaFayette, Ind.

Formerly state ed., Indianapolis Star; city ed. Journal Gazette, Ft. Wayne, Ind. —*b.* Bluffton, Ind., Mar. 7, 1893; *s.* Jas. Robt. and Christina (Gordon) J.; reared in town and on farm; *m.* Flora Pfaffenberger, May 18, 1915; *c.* Thos. R. Jr., Wm. Wray, Mary. Student Ind. State Normal Sch., 2 yrs.

Johnston, Walter George, teach. voc. agr., high-sch., Lineville, Ala.

Teach. public schs., 1909-15; princ. Calhoun Co. Agr. Sch., Derma, Miss., 1915-8; agt. Bur. Plant Ind., 1918-9; pres. Baptist Coll. Inst., Newton, Ala., 1919-20; co. agrl. agt., Hartsells, 1920-2; present position, 1922-. —*b.* Castleberry, Ala., Dec. 26, 1883; *s.* Batts Mitchell and Margaret Eliza (Etheridge) J.; reared on farm; *m.* Cherrie Belle Jones, Sept. 22, 1915; *c.* Robt. Cully, Juanita Cherrie, Margaret Eliza. B.S., Miss. A. & M. Coll., 1909.

Johnston, William W., asst. prof. soils, Ore. Agr. Coll., Corvallis, Ore.

1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Caldwell, Kans., Apr. 1, 1896; *s.* Robt. M. and Edith F. (Holmes) J.; reared on farm. B.S., Ore. Agr. Coll., 1917; A.M., Univ. Mo., 1925. Sigma Xi; Gamma Sigma Delta; Gamma Alpha.

Jones, Alma Hammond, nutr. specialist, Ia. State Coll., Ames, Ia.

Teach. rural schs., 1903-5; teach. math. and sci., high-sch., Atlantic, Ia., 1908-11; present position, 1922-. —*b.* Marion, Ia., Apr. 12, 1886; *d.* Geo. and Ellen (Tucker) Hammond; reared on farm; *m.* R. G. Jones, 1911 (d. 1920); *c.* Lawrence Hammond. M.Di., Ia. State Teach. Coll., 1908; B.D., Ia. State Coll., 1922; fellow Columbia Univ., 1924-5.

Jones, B. Frank, farmer, S. Montrose, Pa.

Breeder, exhibitor and judge of pure-bred cattle. Pres. S. Montrose Creamery Co., 1915-; pres. Susquehanna Co. Poultry Club, 2 yrs.; pres. Susquehanna Co. Holstein-Friesian Assoc., 1915-9; master subordinate Grange, 4 yrs.; assessor Bridgewater township, 1899-1908. —*b.* Elk Lake, Pa., Mar. 21, 1860; *s.* Wm. Hugh and Harriet (Taylor) J.; reared on farm; *m.* Carrie Von Scoten, Nov. 25, 1889; *c.* W. Hugh, O. Pritchard.

Jones, Bruce Palmer, farmer, Hall, N. Y.

Asst. to registrar, Cornell Univ., 1913; Greening Nursery Co., Monroe, Mich., 1913-4; agrst. and college rep., The Macmillan Co., 1915-21; farmer, 1921-. Superv. Fed. Census of Agr., N. Y., 1924-5; pres. and manag. dir. N. Y. Seed Improvement Coop. Assoc. Served in Ordinance Dept., U. S. Army, 1917. —*b.* Lancaster, N. Y., Oct. 25, 1891; *s.* Bruce Haines and Minnie Elizabeth (Palmer) J.; *m.* Mary Anna Wilson, Apr. 23, 1921; *c.* Bruce Wilson, Chas. Palmer. B.S., Cornell Univ., 1913.

Jones, Charles Richardson, assoc. prof. zool. and ent., Colo. Agr. Coll., Fort Collins, Colo.

Agt. and expert, Bur. Ent., U. S. Dept. Agr., 1904-9; econ. ent., Bur. Sci., P. I., 1910-2; ent., Bur. Agr., P. I., 1912-3. Major, R. O. T. C., 1919. Traveled through Mex., Alaska, Japan,

China, Philippines. —*b.* Hastings, Neb., Oct. 17, 1879; *s.* Thos. and Mary (LaBell) J.; reared on farm; *m.* Lena Gilkison; *c.* Harold LaBell, Maurice Lucil. B.S.A., Colo. Agr. Coll., 1904; M.S., 1916.

Jones, Curtis Nichols, instr. voc. agr., high-sch., Albany, O.

Teach. voc. agr., DeGraff, O., 1923; Albany, 1924-. Private Engin., U. S. Army, 1918-9. —*b.* Pataskala, O., Aug. 2, 1895; *s.* B. M. and Allie B. (Nichols) J.; reared on farm; *m.* Jessie C. Eager, Sept. 26, 1922; *c.* Mary Elizabeth. B.S.A., Ohio State Univ., 1923.

Jones, Daniel Herbert, prof. bact., Ont. Agr. Coll., Guelph, Ont.

Resident master, Ont. Agr. Coll., 1906-8; lect. bact., 1908-15; prof. bact., 1915-. —*b.* Stourbridge, England, Sept. 29, 1875; *s.* Joseph and Mary Anne (Hatton) J.; reared in town and on farm; *m.* Helen Gray Carlyle, July, 1911; *c.* Helen Marion Gray. B.S.A., Ont. Agr. Coll., 1908.

Jones, David Clarence, co. agrl. agt., De Smet, S. D.

Sec.-treas. Deuel Co. Breeders Assoc.; sec. Deuel Co. Fair Assoc., 1920. 2d Lieut. Air Serv., U. S. Army, 1917-8. (Live-stock). —*b.* Randolph, Wis., Sept. 6, 1891; *s.* John D. and Rachel E. (Davis) J.; reared on farm; *m.* Rachel M. Latimer, Aug. 10, 1918. B.S., Ia. State Coll., 1917. Phi Delta Theta.

Jones, Dettmar Wentworth, assoc. ent., U. S. Dept. Agr., 10 Court St., Arlington, Mass.

b. Melrose, Mass., Sept. 2, 1890; *s.* W. DeHaven and Gertrude (Worth) J.; reared in town; *m.* Helen Patten Tarr, Sept. 7, 1917; *c.* Dettmar W. Jr., Norman Hopkins. B.S., Mass. Agr. Coll., 1914.

Jones, Doctor Coaken, co. agrl. agt., Suffolk, Va.

Served in U. S. Army, World War. —*b.* Hilton Head, S. C., Jan. 15, 1894; *s.* Doctor and Ellen (Chisum) J.; reared on farm. B.S., Hampton Inst., 1923.

Jones, Donald Forsha, plant-breeder, Conn. Exp. Sta., New Haven, Conn.

Asst. plant-breeder and instr., Ariz. Agr. Coll. and Exp. Sta., 1911-3; instr. hort. and plant-breeding, Coll. Agr., Syracuse Univ., 1913-5; present position, 1915-. Collaborator corn invests., U. S. Dept. Agr. *Auth.*: (with E. M. East) Inbreeding and Outbreeding: Their genetic and sociological significance, 1919; Genetics in Plant and Animal Improvement, 1924. —*b.* Hutchinson, Kans., Apr. 16, 1890; *s.* O. W. and Minnie (Bush) J.; reared in city and on farm; *m.* Eleanor March, Dec., 1915; *c.* Loring March, Margaret Louise. B.S., Kans. State Agr. Coll., 1911; M.S., Syracuse Univ., 1916; Sc.D., Harvard Univ., 1918. Sigma Nu; Alpha Zeta.

Jones, Donovan Silas, teach. agr. and princ. high-sch., Newbury, Vt.

Princ. Essex Classical Inst., 1917-8; present position, 1918-. Pres. Vt. Teach. Agr., 1923-4; pres. Caledonia Co. Teach. Assoc., 1924-5. In U. S. Army, Mex. Border Serv., 1916. —*b.* Granville, Vt., Apr. 15, 1892; *s* Herman O. and Reuby (Miller) J.; reared on farm; *m.* Dora Marion Thomas, June 27, 1918. B.S., Univ. Vt., 1917.

Jones, Earl, ext. asst. prof. farm crops, Ohio State Univ., Columbus, O.

Instr. soils, Univ. Me., 1913-5; asst. prof. agron., Mass. Agr. Coll., 1915-8; ext. assoc. prof., 1918-20; present position, 1920-. —*b.* Pataskala, O., Dec. 12, 1886; *s.* Benj. M. and Allie (Nichols) J.; reared on farm; *m.* Lottie R. Edwards, Aug. 15, 1916. B.S.A., Ohio State Univ., 1912; M.Sc., 1913.

Jones, Edward E., state senator and creameryman, Harford, Pa.

b. Harford, Pa., Nov. 25, 1867; *s.* Henry M. and Marietta (Blandin) J.; reared on farm; *m.* Hattie Sweet, 1889; 2d, Ruth Jackson, 1905; *c.* Henry Sweet, Edward Jackson.

Jones, Edward H., comnr. agr., State Dept. Agr., Montpelier, Vt.

Farmer, 30 yrs. Mem. comn. to invest. bovine tuberculosis eradication, 1921-3. —*b.* Waitsfield, Vt., Dec. 11,

1872; *s.* Chas. E. and Amanda M. (Joslin) J.; reared on farm; *m.* Myrtie F. Guptil, Oct. 1, 1908; *c.* Clyde E., Chas. K., Florence A.

Jones, Edward Huntting, prof. and state superv. agrl. educ., N. D. Agr. Coll., Agricultural College, N. D.

Lab. asst. zool., Univ. Wis., 1911-2; head dept. agr. and biol., State Sch. Sci., Wahpeton, N. D., 1912-8; dir. summer session, 1916-7; supt. Walsh Co. Agrl. Sch., Park River, 1918-21; present position, 1921-. —*b.* E. Hampton, N. Y., Aug. 21, 1885; *s.* Wm. Miller and Laura Anderson (Eldredge) J.; reared on farm; *m.* Alice Mary Dayton, Dec. 27, 1913; *c.* Edward Dayton, Margaret Eudora, Jean Harriet. A.B., Lafayette Coll., 1911; M.A., Univ. Wis., 1913; B.S.A., N. D. Agr. Coll., 1923. Phi Kappa Phi.

Jones, Edward Richard, prof. agrl. engin. and chm. dept., Univ. Wis., Madison, Wis.

On staff of soils dept., as drainage specialist, Univ. Wis., 1905-18; present position, 1918-. Traveled in Europe, 1911. —*b.* Bangor, Wis., May 20, 1882; *s.* Elias and Catherine (Evans) J.; reared on farm; *m.* Dorothea Moll, Sept., 1911 (d. 1912); 2d, Jane Walker, June, 1916; *c.* Richard, Edward, Sally. B.S.A., Univ. Wis., 1905; M.S., 1908. Alpha Zeta.

Jones, Frank Dyer, co. agrl. agt., Morrisville, Vt.

b. Braintree, Vt., Nov. 18, 1888; *s.* Wm. Allen and Adella (Angie) J.; reared on farm; *m.* Gladys Ruby Swann, Aug. 9, 1917. B.S., Univ. Vt., 1913. Alpha Zeta.

Jones, Fred Reuel, plant path., U. S. Dept. Agr., Univ. Wis., Madison, Wis.

Manag. fruit farm, 1908-12. (Legumes, forage crops). —*b.* Mercer, Me., June 9, 1884; *s.* J. H. and Matilda (Beaman) J.; reared on farm; *m.* Edith Katharine Seymour, May 26, 1921; *c.* Francis Seymour, Fred R. Jr. B.S., Univ. Me., 1912; Ph.D., Univ. Wis., 1917.

Jones, Henry Albert, assoc. prof. truck crops, Univ. Calif., Davis, Calif.

Formerly assoc. prof. veg.-gard., W. Va. Univ. —*b.* Ottawa, Ill., May 6, 1889; *s.* John Wallace and Rosa (Wergin) J.; reared on market garden farm; *m.* Louise White, June, 1916; *c.* Mary Elizabeth, Myron White, Joy Irene. B.S.A., Univ. Neb., 1916; Ph.D., Univ. Chicago, 1918. Sigma Xi; Alpha Zeta.

Jones, Henry Neely, asst. prof. bact., Coll. Agr., Syracuse Univ., Syracuse, N. Y.

Princ. North Haven high-sch., 1905-6; instr. sci., Leavith Inst., Me., 1906-7; instr. sci., Waterville high-sch., Me., 1907-8; bact., Mass. State Bd. of Health, 1910-4; present position, 1914-. —*b.* Ashland, Me., Oct. 25, 1881; *s.* Henry and M. R. (Fifield) J.; reared in town; *m.* Cora Crommett, June 24, 1907; *c.* Henry Crommett, Arthur Fifield. A.B., Colby Coll., 1905. Sigma Xi; Zeta Psi.

Jones, Herschel Hildreth, pres. Herschel Jones Marketing Serv., Inc., 97 Warren St., New York, N. Y.

Invest. and dir. legislative campaigns, Nat. Child Labor Com., 1912-5; with Bur. Municipal Res., 1915-7; asst. to John Mitchell, pres. N. Y. State Food Comn. and Fed. Food Bd., 1917-9; dir. N. Y. City Off., State Dept. Farms and Markets, 1919-22; present position, 1922-. —*b.* Lebanon, Ind., Jan. 16, 1889; *s.* A. B. and Anne (Bone) J.; *m.* Iris Weed, Aug. 27, 1914. A.B., De Pauw Univ., 1911; grad. student Columbia Univ. Delta Tau Delta.

Jones, Horace M., ext. specialist in dairying, S. D. State Coll., Brookings, S. D.

Instr. dairy husb., S. D. State Coll., 1919-20; agrl. agt. Elk Point, 1920-1; present position, 1921-. Mem. dairy com., S. D. Development Assoc.; mem. adv. bd., S. D. Holstein-Friesian Assoc. 1st Lieut. Air Serv., U. S. Army, World War. —*b.* Bangor, Wis., Dec. 20, 1893; *s.* Elias and Katherine (Evans) J.; reared on farm; *m.* Dorothy H. Aldrich, July 17, 1920. B.S., S. D. State Coll., 1917.

Jones, Jenkin William, supt. U. S. Rice Exp. Sta., Biggs, Calif.

Supt. Cheyenne Field Sta., Wyo., 1912-5; supt. Nephi Substa., Utah, 1915-8; present position, 1918-. —*b.* Malad, Ida., Apr. 9, 1888; *s.* David W. and Maria (Williams) J.; reared on farm; *m.* Elin M. Jonsson, Feb. 17, 1921; *c.* Richard Wm. B.S., Utah Agr. Coll., 1912; M. S., Univ. Calif., 1924. Sigma Xi; Phi Kappa Iota.

Jones, Jesse McCullah, general agrl. and ind. agt., Seaboard Air Line R. R., Norfolk, Va.; Nov. 30, 1878-Dec. 1923. See Rus 1920.

Jones, John McKinley, chief div. range an. husb., Tex. Agr. Exp. Sta., College Station, Tex.

Operator ranch, Wyo., 1908-9; Armour scholar, Univ. Wyo., 1910-1; fellow an. breeding, Univ. Mo., 1911-2; an. husb., N. H. Agr. Exp. Sta., 1912-4; present position, 1914-. Mem. bd. dirs. Southwest Farm Bur. Wool and Mohair Marketing Assoc., 1921-4. Asst. chief clerk, Wyo. State Senate, 1909. —*b.* Laramie, Wyo., May. 26, 1886; *s.* Christopher Harrison and Mary (MacKinley) J.; reared on ranch; *m.* Elma B. Taylor, July 15, 1920; *c.* John M. Jr., Barbara Virginia. B.S. in M.E., Univ. Wyo., 1907; B.S.A., 1911; M.A., Univ. Mo., 1912. Alpha Tau Omega.

Jones, John Paul, asst. res. prof. agron., Mass. Agr. Coll., Amherst, Mass.

Asst. plant physiol., Md. Agr. Exp. Sta., 1919-21; instr. bot., Cornell Univ., 1921-3; present position, 1923-. 2d Lieut. Inf., U. S. Army, World War. —*b.* Davidsonville, Md., May 9, 1897; *s.* Stephen Collinson and Nettie (Harper) J.; reared on farm. B.S., Univ. Md., 1918; M.S., 1921. Nu Sigma Omicron; Acacia.

Jones, J. Seneca, organization dir. and sec. Minn. Farm Bur., St. Paul, Minn.

Teach. agr., Norton Co. high-sch., Kans., 1908-10; Valley City public schs., N. D., 1910-1; Mora, Minn., 1911-3; Madison, Minn., 1913-6; agt., Lacqui Parle Co., 1916-7; asst. co. agt. leader, Univ. Minn., 1917-20; present position, 1920-. Pres. Minn. Agrl. Instrs. Assoc. of Secondary Schools, 1915-6; sec. Minn. Hereford Breeders Assoc. —*b.* Bala, Kans., July 9, 1884; *s.* John E. and Eliza (Daniels) J.; reared on farm; *m.* Rose C. Tschumperlin, Aug. 26, 1913; *c.* Etheldreda, Daniel, Grandel. B.S., Kans. State Agr. Coll., 1908.

Jones, J. Shirley, prof. agrl. chem. and chem. Exp. Sta., Ore. Agr. Coll., Corvallis, Ore.

Chem., Ida. Exp. Sta., 1906-14; prof. agrl. chem., Univ. Ida., 1908-14; dir. Ida. Exp. Sta., 1914-8; operating chem., U. S. Nitrate Plant, Sheffield, Ala., 1918-9; present position, 1919-. —*b.* Garrett, Ind., Feb. 14, 1876; *s.* Sidney P. and Mary (Dittmar) J.; reared on farm; *m.* Tillie Browning, Sept., 1905; *c.* Mary Elizabeth, John Paul, Margaret Helen, Wm. Shirley. B.S.A., Univ. Calif., 1903; M.S.A., Cornell Univ., 1914. Sigma Xi.

Jones, Leon Kilby, assoc. in plant path. res., N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Instr., Univ. Wis., 1922-5; present position, 1925-. 2d Lieut. Inf., U. S. Army, World War. (Fruit diseases). —*b.* Seattle, Wash., Jan. 15, 1895; *s.* Hilman F. and Lilly Dale (Settle) J.; reared in city; *m.* Ruth G. Bitterman, June 14, 1922; *c.* Alice Ruth. B.S., Ore. Agr. Coll., 1917; M.S., Univ. Wis., 1921; Ph.D., 1922. Sigma Xi; Alpha Gamma Rho; Gamma Sigma Delta.

Jones, LeRoy Lucien, assoc. in poultry ext., Purdue Univ., LaFayette, Ind.

In chg. poultry dept., Univ. Ga., 1912-4; present position, 1914-. Sec.-treas. Ind. State Poultry Assoc., 1919-. —*b.* Napoleon, Mich., Nov. 5, 1885; *s.* Lucien M. and Jennie L. (Jones) J.; reared in town and on farm; *m.* Frances N. Simpson, July 15, 1915; *c.* Lucien Gordon, Margaret Frances, Robt. Wm. B.S., Mich. Agr. Coll., 1912.

Jones, Lewis Allen, sr. drainage engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Capt. Engin., U. S. Army, 18 mos.; with A. E. F., 1 yr. (Agrl. engin.). — *b.* St. James, Minn., Dec. 20, 1885; *s.*

John L. and Floy E. (Wise) J.; reared in town; *m.* Pearl M. Perry, Sept. 12, 1911. C.E., Univ. Minn., 1907. Beta Theta Pi.

Jones, Lewis Ralph, prof. plant path., Univ. Wis., Madison, Wis.

Prof. bot., Univ. Vt., and bot. Exp. Sta., 1890-1910; present position, 1910-. Fellow A. A. A. S. Traveled Europe, 1904. *Ed.,* Phytopathology, 1911-4; bact. terms, Webster's New Intern. Dictionary. —*b.* Brandon, Wis., Dec. 5, 1864; *s.* David and Lucy (Knapp) J.; reared on farm; *m.* May I. Bennett, June 24, 1890. Ph.B., Univ. Mich., 1889; Ph.D., 1904; Sc.D. (hon.), Univ. Vt., 1910.

Jones, Mack Marquis, asst. prof. agrl. engin., Univ. Mo., Columbia, Mo.

Instr. agrl. engin., Tex. A. & M. Coll., 1919; Univ. Mo., 1919-20; asst. prof., 1920-. Instr. U. S. Sch. Military Aeronautics. —*b.* Edgerton, Mo., Oct. 8, 1896; *s.* Wm. T. and Ella (Marquis) J.; reared on farm; *m.* Hannah R. Stahl, Aug. 19, 1919; *c* Herbert Wendell. B.S., Univ. Ill., 1918. Alpha Zeta; Gamma Sigma Delta; Eta Kappa Nu.

Jones, Maurice Daniel, farm manag. dem., Univ. Me., Orono, Me.

Instr. agr., Oak Grove Sem., Vassalboro, Me., 1912-3; instr. agr., summer sch., Charlottetown, P. E. I., 1913; co. agrl. agt., Penobscot Co., Me., 1913-7; present position, 1917-. Mem. ext. com., Amer. Farm Econ. Assoc., 1920; mem. Penobscot Co. Com. on Food Production, 1917-8. —*b.* Unity, Me., Nov. 11, 1887; *s.* Ephraim M. and Florence A. (Harding) J.; reared on farm; *m.* Charlotte C. Clough, June 11, 1911; *c.* Beatrice F., Frances C., Margaret L. B.S.A., Univ. Me., 1912. Phi Eta Kappa; Alpha Zeta.

Jones, Nellie Sawyer Kedzie, state leader home econ. ext. and home dem. agts., Univ. Wis., Madison, Wis.

Prof. dom. econ., Kans. State Agr. Coll., 1882-97; Bradley Poly. Inst., 1897-1901; present position, 1918-. —*b.* Madison, Me., Aug. 2, 1858; *d.* Luke F. and Paulina Dinsmore (Gray) Sawyer; reared on farm; *m.* Robt. F. Kedzie, 1881 (d. 1882); 2d, Howard Murray Jones, 1901; *c.* Eleanor Dinsmore. A.B., Kans. State Agr. Coll., 1876; M.Sc., 1883; LL.D., 1925.

Jones, Robert Arthur, teach. voc. agr., high-sch., Germantown, Tenn.

Sec.-treas. Tri State Guernsey Cattle Club, Poplar Pike Fair Assoc. 2d Lieut. Field Art., U. S. Army, 1918-9. (Dairying). —*b.* La Grange, Tenn., Mar. 4, 1895; *s.* Robt. Arthur and Elizabeth Coffman (Baker) J.; reared on farm; *m.* Mary Annie Landy, Nov. 9, 1922; *c.* Richard Landy. B.S.A., Univ. Tenn., 1919. Alpha Tau Omega.

Jones, Roy Carroll, assoc. prof. dairy husb. and assoc. dairy husb. Exp. Sta., Ore. Agr. Coll., Corvallis, Ore.

Asst. an. nutr., Penn. State Coll., 1908-10; instr. and asst. prof. an. husb., Mont. State Coll., 1910-4; ext. serv., Ore. Agr. Coll., and co. agt., 1914-20; present position, 1920-. Sec. Mont. State Dairymens Assoc., 1910-4; co. chm. State Council of Defense, 1917-8. Capt. Ore. Volunteer Guards. —*b.* Lowell, Vt., May 2, 1886; *s.* Frank W. and Martha G. (Patterson) J.; reared in village and on farm; *m.* Clara E. Rand, July 1, 1909; *c.* Alma Arlene, Roy C. Jr., Martha Claire. B.S., Univ. Vt., 1908. Phi Beta Kappa; Alpha Zeta; Alpha Gamma Rho.

Jones, Russell Morgan, chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

In Chem. Warfare Serv., World War; Capt. O. R. C. Abstractor for Chemical Abstracts. (Fertilizers). —*b.* Taylor, Pa., Jan. 1, 1896; *s.* Gomer and Elizabeth (Lewis) J.; reared in city; *m.* Lorraine Mildred Cahoon, June 21, 1921; *c.* Audry Cahoon. B.S., Penn. State Coll., 1918.

Jones, Samuel Augustus, statistician and sec. Crop Reporting Bd., U. S. Dept. Agr., Wahington, D. C.

Commercial accountant, 1893-9; Govt. accountant, 1900-1; chief Div. Requisitions and Shipments, Navy Dept., 1902-7. (Agrl. statistics). —*b.* Genoa, O., Jan. 25, 1874; *s.* Noah Scarfield and

Josephine (Brunner) J.; reared in village; *m.* Ada Ellen Yost, Oct. 9, 1901; *c.* Lincoln Samuel, Bernice Josephine, Sarah Katherine, Ruth Pauline. M.D., Geo. Washington Univ., 1904.

Jones, Samuel Columbus, teach. agr., high-sch., Pendleton, S. C.

2d Lieut. Inf., World War. —*b.* Easley, S. C., June 19, 1896; *s.* Emory I. and Emma (Smith) J.; reared on farm; *m.* Catherine Russell, Jan. 1, 1920; *c.* Samuel C. Jr., Russell. B.S., Clemson Agr. Coll.

Jones, Thomas Henry, assoc. ent., Bur. Ent., U. S. Dept. Agr., Melrose Highlands, Mass.

With U. S. Bur. Ent., 1909-11; with Porto Rico Sugar Producers Assoc., 1911-4; with U. S. Bur. Ent., 1914-20; with La. Agr. Exp. Sta., 1920-4; present position, 1924-. —*b.* Pawtucket, R. I., Sept. 25, 1885; *s.* Robt. P. and Bertha A. (Tiepke) J.; reared on farm. B.S., Mass. Agr. Coll., 1908. Phi Kappa Phi.

Jones, Vern R., dairy specialist, J. B. Ford Co., Wyandotte, Mich.

Asst. dairyman and instr. dairying, Wash. State Coll., 1910-2; instr., 1913; asst. prof. dairy husb., S. D. State Coll., 1915-6; assoc. prof., 1916-7; dairy manufacturing specialist, U. S. Dept. Agr., Montpelier, Vt., 1917-23; present position, 1923-. —*b.* Sprague, Wash., July 19, 1889; *s.* Reuben R. and Maggie E. J.; reared on farm. B.S., Wash. State Coll., 1912; M.S.A., Cornell Univ., 1915. Alpha Zeta; Sigma Phi Epsilon.

Jones, Walter Norman, chief an. nutr., Albert Dickinson Co., Box 788, Chicago, Ill.

Formerly asst. prof. an. husb., Univ. B. C. Served in Canadian Field Art., 1917-8. Traveled in British Isles studying live-stock. —*b.* Toronto, Ont., Aug. 5, 1897; *s.* Arthur and Mabel E. (Walton) J.; reared on farm and in town; *m.* Mary Lucille Grant, Dec. 6, 1924. B.S.A., Macdonald Coll., 1920; M.S., Ia. State Coll., 1922. Sigma Phi Epsilon; Gamma Sigma Delta.

Jones, W. Hugh, breeder pure-bred Holstein cattle, S. Montrose, Pa.

Sec. Pa. Fed. of Holstein-Friesian clubs, 1922-4, vice-pres., 1924-; sec. Susquehanna Co. Holstein-Friesian Assoc., 1918-22; mem. Pa. State Agrl. Council, 1923-4. —*b.* S. Montrose, Pa., July 24, 1890; *s.* B. Frank and Carrie Armina (Von Scoten) J.; reared on farm; *m.* Irene Griffin, Mar. 25, 1916; *c.* Frederick Griffin, Benj. Franklin. Student Penn. State Coll., 2 yrs.

Jones, William M., sec.-treas. Ind. Bd. Agr., State House, Indianapolis, Ind.

Farmer. Formerly pres. State Cattle Breeders Assoc.; dir. State Livestock Breeders Assoc.; mem. farmers inst. staff. —*b.* Fairmount, Ind., Mar. 17, 1882; *s.* David and Sarrah (Thomas) J.; reared on farm; *m.* Lucy Winslow, Oct. 12, 1904; *c.* Mary Lucile, Robt. W., S. Pauline, W. Ruth, Eleanor L.

Jordan, Elbert L., prof. an. ind., La. State Univ., Baton Rouge, La.

Present position, 1905-. Sec. La. Swine Breeders Assoc. *Auth.*: Helpful Hints on Hog Husbandry, 1915. —*b.* Auroraville, Wis., Jan. 25, 1878; *s.* John and Lavina (Davis) J.; reared on farm; *m.* Lillian Jones, Aug. 9, 1911; *c.* Bert. B S., Univ. Wis., 1904.

Jordan, Frank Herbert, instr. agr. and prin. high-sch., Dublin, Va.

Teach. Dublin Inst., 1909-10; commandant Bingham Sch., Mebane, N. C., 1910-1; instr. agr., training-sch., Elk Creek, Va., 1911-3; farmer and fruit-grower, 1913-23; present position, 1923-. —*b.* Draper, Va., June 8, 1886; *s.* Joseph M. and Sue C. (Allison) J.; reared on farm; *m.* Sallie P. Crockett, July 18, 1912; *c.* Carrie Lee, Frank H. Jr. B.S.A., Va. Poly. Inst., 1908.

Jordan, Harvie, cotton planter, St. Matthews, S. C.

Agrl. ed. Atlanta Journal, 1898-1907; pres. Nat. Farmers Congress, 1902-4; pres. S. Cotton Growers Assoc., 1905-10; dir. S. Commercial Congress, 1912-20; sec.-treas. Amer. Cotton Assoc., 1920-. Mem. Ga. House of Rep., 1898-1902, 1919-20; Senate, 1903-

4; mem. U. S. Comn. to Europe to study agrl. conditions, 1913. —*b.* Jasper Co., Ga., Jan. 1, 1861; *s.* Wm. F. and Orpah J. (Goolsby) J.; reared on farm; *m.* Ella R. Gerdine, Jan. 18, 1893; *c.* Emma, Clarence, Evelyn, Marion Ervin.

Jordan, Millard Leroy, instr. voc. agr., high-sch., Bloomville, O.

b. Pleasant City, O., Jan. 14, 1890; *s.* Elmer D. and Mary (Gray) J.; reared on farm; *m.* Eileen Davis, Aug. 19, 1918; *c.* Esther Faye. B.S.A., Ohio State Univ., 1918. Tau Kappa Epsilon.

Jordan, Ralph W., onion grower and distributor, 1849 Lampson Rd., Cleveland, O.

Formerly co. agrl. agt., Cleveland, O.; agrl. engin., The Lockwood Farms Co., Lockwood, O. *Auth.*: Onions, 1915. (Muck land colonization and marketing muck land crops). —*b.* Creston, O., Aug. 6, 1891; *s.* W. B. and Estella M. (Anthony) J.; reared on farm. B.S., Ohio State Univ., 1914. Alpha Zeta.

Jordan, Samuel M., inst. lect., Mo. State Bd. Agr., Columbia, Mo.

Teach. high-sch., 6 yrs.; lect. farmers inst., 6 yrs.; formerly co. agrl. agt., Keytesville, Mo. *Auth.*: Making Corn Pay, 1913. —*b.* Albany, Mo., Oct. 7, 1860; *s.* Samuel and Anne (Puterbaugh) J.; reared on farm; *m.* Stella Flowers, June 13, 1889; *c.* Geo. F., Minnie Dale. B.S., Stanberry Normal Sch., Mo., 1885.

Jordan, Whitman Howard, agrst., Orono, Me.

Asst., Conn. Exp. Sta., 1878-9; instr., Univ. Me., 1879-80; prof. agrl. chem., Penn. State Coll., 1881-5; dir Me. Exp. Sta., 1885-96; dir. N. Y. Agr. Exp. Sta., 1896-1921. Fellow A. A. A. S. *Auth.*: The Feeding of Animals, 1901, rev. 1917; Principles of Human Nutrition, 1912. —*b.* Raymond, Me., Oct. 27, 1851; *s.* Jas. and Sarah (Symonds) J.; *m.* Emma L. Wilson, Mar. 3, 1880. B.S., Univ. Me., 1875; M.S., 1878; D.Sc., 1896; LL.D., Mich. Agr. Coll., 1907, Hobart Coll., 1911. Phi Gamma Delta.

Joseph, Walter Edward, assoc. prof. an. husb., Mont. State Coll., and assoc. an. husb. Exp. Sta., Bozeman, Mont.

Instr. an. husb., S. D. State Coll., 1909-10; instr., Univ. Ill., 1912-3; assoc., 1913-6; asst. prof. an. husb., Mont. State Coll., and asst. an. husb., Exp. Sta., 1916-24; assoc. prof., 1924-. —*b.* Lovett, Ind., Dec. 22, 1881; *s.* John and Anna S. (Zierer) J.; reared on farm. B.S., Purdue Univ., 1907; Ph.D., Univ. Ill., 1912.

Josey, Edgar Patterson, co. agrl. agt., Hinesville, Ga.

Farmer, Darlington Co., S.C., 4 yrs. 1st Lieut. Q. M. C., U. S. Army, 1917-9. (Live-stock). —*b.* Darlington Co., S. C., Oct. 18, 1887; *s.* Rufus M. and Aramenta (Crosswell) J.; reared on farm; *m.* Maude Chandler, Apr. 19, 1921; *c.* Rufus Mobley, Wm. Edgar. B.S., Clemson Agr. Coll., 1912.

Joslin, John Carlos, manag. Greenville Dairy Co., Greenville, Pa.

Creamery insp., Minn. State Dairy and Food Dept., 3 yrs.; creamery insp., U. S. Dairy Div., 3 yrs.; butter insp., U. S. Dairy Div., Chicago market, 2 yrs.; instr. Minn. Dairy Sch., 3 yrs.; instr. Ia. Dairy Sch., 2 yrs. Vice-pres. Nat. Creamery Butter Makers Assoc.; sec. Ia. Butter Makers Assoc. —*b.* Richland Co., Wis., Apr. 25, 1876; *s.* A. E. and Sarah S. (Fowler) J.; reared on farm; *m.* Myrtle F. Chilgren, Oct. 11, 1899; *c.* Edith, Ethel, Florence.

Judd, Stanley Gaines, ext. dairy specialist, Univ. Vt., Burlington, Vt.

Farm manag. and partner for J. B. Malcolm, Marion, N. Y., 1911-3, 1914-6; instr. an. husb., Lyndon Agrl. Sch., Vt., 1913-4; instr. an. husb., N. Y. State Sch. Agr., Cobleskill, 1916-21; present position, 1922-. Served in Field Art., U. S. Army, 1917-8. —*b.* Port Henry, N. Y., Aug. 20, 1889; *s.* Chas. Stedman and Mary Elizabeth (Whallon) J.; reared in village; *m.* Marion Alice Dane, Jan. 25, 1919; *c.* Jas. Malcolm, Jane Robinson. B.S.A., Cornell Univ., 1911. Alpha Zeta.

Judkins, Henry Forest, head dairy dept., Mass. Agr. Coll., Amherst, Mass.

Instr. dairying, N. H. Coll., 1911; asst. state moth agt., N. H., 1912-3; assoc. prof. dairying, Conn. Agr. Coll., 1913-8; assoc. prof., Ia. State Coll., 1918-9; prof. dairying, Mass. Agr. Coll., 1919-22; head dept., 1922-. *Auth.*: Principles of Dairying, Testing and Manufactures, 1924. —*b.* Kingston, N. H., Feb. 13, 1890: *s.* Arthur R. and Delia (Page) J.; reared on farm; *m.* Alice Cecil Bates, Oct. 12, 1912; *c.* Forrest H., Roger B. B.S., N. H. Coll., 1911. Alpha Zeta; Phi Kappa Phi.

Julian, Scott Milholland, co. agrl. agt., New Madrid, Mo.

Lieut. Inf., U. S. Army, 1917-9. —*b.* Little Rock, Ark., Nov. 7, 1895; *s.* Henry H. and Mary (Milholland) J.; reared in city; *m.* Mary Judith Field, June 17, 1924. B.S., Univ. Ill. Alpha Tau Omega.

Jull, Morley Allan, poultry husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Asst. poultryman, W. Va. Agr. Exp. Sta., 1908-9; poultry comnr., B. C. Dept. Agr., 1909-11; head poultry dept., Macdonald Coll., 1912-23; present position, 1923-. Served in Canadian Officers Training Corps, 1915-9. —*b.* Burford, Ont., Aug. 26, 1885; *s.* John Henry and Jane Ann (Winskell) J.; reared on farm. B.S.A., Toronto Univ., 1908; M.Sc., McGill Univ., 1919; Ph.D., Univ. Wis., 1922. Sigma Xi.

Jungerman, Augustus Albert, co. agrl. agt., Modesto, Calif.

Teach. chem. and physics, White's Prep. Sch., Berkeley, Calif., 1912-5; chg. agrl. dept. high-sch., Paso Robles, distr. club leader, U. S. Dept. Agr. and Univ. Calif., San Obispo Co., 1915-7; agt. Stanislaus Co., 1917-. *Ed.*, Stanislaus Co. Farm Bur. Monthly. —*b.* Yankton, S. D., Oct. 9, 1889; *s.* John and Mary (Galey) J.; reared on farm. B.S., Univ. Calif., 1914; M.S., 1915. Phi Delta Kappa; Alpha Kappa Lambda.

Justin, Margaret M., dean div. home econ., Kans. State Agr. Coll., Manhattan, Kans.

Head home econ., Bennett Acad., Mathiston, Miss., 1910-4; distr. leader home dem. agts., Mich. Agr. Coll., 1915-8; present position, 1923-. Counsellor, Kans. State Home Econ. Assoc. In canteen work, Y. M. C. A., France. —*b.* Agra, Kans., June 15, 1889; *d.* F. M. and Jennie (Lyons) J.; reared in town. B.S., Kans. State Agr. Coll., 1909; B.S. in Educ., Columbia Univ., 1915; Ph.D., Yale Univ., 1923. Phi Kappa Phi; Omicron Nu; Iota Sigma Pi.

Justin, Miner M., agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., 411 Federal Bldg., Indianapolis, Ind.

Farmer, Riley Co., Kans., 1908-15; agrl. statistician, Salt Lake City, Utah, 1917-24. —*b.* Phillips Co., Kans., June 15, 1886; *s.* Frank Miner and Jennie (Hellyer) J.; reared on farm; *m.* Jessie Harrington, Nov. 17, 1911; *c.* Frank Harrington, Catherine Dorothea, Florence Elizabeth. B.S.A., Kans. State Agr. Coll., 1907; M.S.A., 1917.

Juve, Oscar, jr. farm econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

In chg. cost of production invests. in Wis., 1912-9; teach. farm bookkeeping and accounting, Univ. Wis., 1915-9; present position, 1919-. (Farm cost-accounting). —*b.* Stoughton, Wis., May 20, 1883; *s.* Aslag and Martha (Havey) J.; reared on farm; *m.* Belinda Sanders, Sept. 6, 1916. A.B., Luther Coll., Decorah, Ia., 1907; student Univ. Wis., 1909-12.

K

Kable, George Wallace, agrl. engin. specialist, Ore. Agr. Coll., Corvallis, Ore.

Instr. and asst. irrig. engin., N. Mex. A. & M. Coll., 1913-4; asst. prof., 1914-5; ranch manag., N. Mex., 1915-6; agt. Benton Co., Ore., 1917-22; specialist land clearing and drainage, Ore. Agr. Coll., 1922-3; agrl. engin., 1923-. —*b.* Shannon, Ill., May 24, 1888; *s.* C. H. and Anna M. (Shaffer) K.; reared in town. B.S. in C.E., Univ. Calif., 1914; M.S., Univ. Neb., 1922. Gamma Sigma Delta.

Kadderly, Wallace La Due, chg. dept. information and exhibits, Ore. Agr. Coll., Corvallis, Ore.

Asst. co. agt., 1916; farm manag. dem., Mar.-July, 1917; asst. co. agt. leader, Ore. Agr. Coll., 1918-23; present position, 1923-. —*b.* Portland. Ore., July 7, 1892; *s.* Chas. and Mary (La Due) K. B.S., Ore. Agr. Coll., 1916. Phi Delta Theta; Alpha Zeta.

Kains, Maurice Grenville, hort. consultant, Suffern, N. Y.

Special crop culturist, U. S. Dept. Agr., 1897-1900; teach. Sch. Practical Agr. and Hort., Briarcliff Manor, N. Y., 1900-2; ed. asst., New Intern. Encyclopedia, 1902-3; assoc. ed. American Agriculturist, 1904-14; prof. hort., Penn. State Coll., 1914-6; lect. in hort., Columbia Univ., 1917-9. Sr. partner Rockland Lands. Co., Suffern; lect., agrl. journalist. *Auth.*: Ginseng, 1898 (2d ed. 1903); Making Horticulture Pay, 1909; Culinary Herbs, 1912; Plant Propagation, 1916; Principles and Practice of Pruning, 1917; Home Fruit Grower, 1918. —*b.* St. Thomas, Ont., Oct. 10, 1868 (naturalized 1899); *s.* John Alexander and Emma Elizabeth (Hughes) K.; reared in country village; *m.* Inez Hutton, Aug. 14, 1895; 2d, Jean Hickey, June 1, 1913; *c.* Maurice Eugene, Louis Stanley. B.S., Mich. Agr. Coll., 1895; B.S.A., Cornell Univ., 1896; M.S.A., 1897. Sigma Xi; Alpha Zeta.

Kalkus, Julius Wilbur, vet. W. Wash. Exp. Sta., Puyallup, Wash.

Instr. histology and path. and asst. vet. Exp. Sta., Wash. State Coll., 1909-11; asst. prof., 1911-4; prof., 1914-23; head div. vet. sci., Exp. Sta., 1915-23; present position, 1923-. Pres. Wash. State Vet. Med. Assoc., 1912. (Diseases of live-stock). —*b.* Atkinson, Neb., Sept. 14, 1886; *s.* Julius L. and Josie (Drasky) K.; reared in town; *m.* Louise Ann McGavick, July 11, 1916; *c.* Julius Hugh, Patricia Louise. D.V.S., Kans. City Vet. Coll., 1909. Alpha Psi.

Kammlade, William Garfield, asst. prof. sheep husb., Univ. Ill., Urbana, Ill.

Asst. an. husb., Univ. Ill., 1915-7; assoc., 1919-23; asst. prof. sheep husb., 1923-. Served in Sanitary Corps, U. S. Army, 1917-9. —*b.* Bangor, Wis., Aug. 11, 1892; *s.* John G. and Margaret (Campbell) K.; reared on farm; *m.* Mary Elizabeth Bell, Dec. 25, 1921; *c.* Wm. G. Jr. B.S.A., Univ. Wis., 1915; M.S., Univ. Ill., 1917. Alpha Zeta; Gamma Alpha.

Karickhoff, Percy Camden, teach. voc. agr., high-sch., W. Union, W. Va.

b. Buckhannon, W. Va., Oct. 12, 1898; *s.* Jas. L. and Cora E. (Wees) K.; reared on farm. B.S.A., W. Va. Univ., 1924.

Karper, Robert Earl, supt. Tex. Exp. Substa. No. 8, Lubbock, Tex.

Asst. cereal invest., Hays Exp. Sta., Kans., 1913; asst. agron., Okla. A. & M. Coll., 1914-5; present position, 1915-. (Grain sorghum). —*b.* Chambersburg, Pa., Oct. 9, 1888; *s.* Wm. Edward and Della Emma (Laughlin) K.; reared on farm; *m.* Sophia G. Dickinson, Mar. 8, 1915; *c.* Robt. E. Jr., Edward Allen. B.S.A., Kans. State Agr. Coll., 1914. Sigma Nu.

Karraker, Perry Elmer, assoc. prof. soils, Exp. Sta., Univ. Ky., Lexington, Ky.

Contr. to Book of Rural Life. —*b.* Dongola, Ill., Nov. 14, 1886; *s.* H. W. and Ina A. (Davis) K.; reared on farm. B.S.A., Univ. Ill., 1911; M.A., Univ. Mo., 1914.

Kassel, Ruby B., ext. clothing specialist, Ia. State Coll., Ames, Ia.

Teach. sci., high-sch., Mitchellville, Ia., 1919-20; dom. sci., Knoxville, Ia., 1920-3; head dept. home econ., Jr. High-Sch., Ft. Smith, Ark., 1923-4; present position, 1924-. —*b.* Mt. Union, Ia., Apr. 16, 1889; *s.* Jacob and Retha (Hanna) K.; reared on farm and in town. B.A., State Univ. of Ia., 1913; grad. student Ia. State Coll., 1917-9. Phi Omega Pi.

Kates, Clarence Sears, agrst., Glen Loch, Chester Co., Pa.; Mar. 3, 1870—July 10, 1922. See Rus 1920.

Kauffman, Harry Nelson, co. agrl. agt., Kalispell, Mont.

Teach. biol., high-sch., Bozeman, Mont., 1911-4; princ. high-sch., Hobson, 1914-5; teach. Flathead Co. high-sch., Kalispell, 1916-20; Flathead co. club. leader; co. agrl. agt., 1920-. —*b.* DeGraff, O., Dec. 10, 1886; *s.* John Y.

and Ida Christine (Strine) K.; reared on farm. A.B., Wittenburg Coll., 1911; grad. student Univ. Chicago, 1915-6. Phi Gamma Delta.

Kauffmann, Charles H., teach. voc. agr., high-sch., Turbeville, Va.

Served in U. S. Army, 1918-9. —*b.* Rockledge, Pa., Apr. 10, 1899; *s.* Chas. P. and Clara (Geisser) K.; reared in town. B.S., Penn. State Coll., 1923. Alpha Gamma Rho.

Kaufman, Elmer Elsworth, agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., Sacramento, Calif.

Prof. dairying, N. D. Agr. Coll., 1893-1905; field agt., Bur. Statistics, U. S. Dept. Agr., for Ariz. and N. Mex., 1907-9; farmer, Calif., 1909-16; present position, 1917-. —*b.* Glenhaven, Wis., Jan. 11, 1868; *s.* Eli M. and Nellie (Young) K.; reared on farm; *m.* Maude Forbes, Sept. 30, 1897 (deceased); *c.* Ellen Claire, Frieda Louise. B.Agr., Ia. State Coll., 1892.

Kaupp, Benjamin Franklyn, chm. poultry group, prof. poultry sci. and poultry invest. and path. Exp. Sta., N. C. State Coll., Raleigh, N. C.

Prof. parasitology and anat., Kans. City Vet. Coll., 12 yrs.; prof. path. and path. Exp. Sta., Colo. Agr. Coll., 4 yrs.; comnr. public health, Spartanburg, S. C., 2 yrs.; vet. insp., Bur. An. Ind., U. S. Dept. Agr., 8 yrs.; present position, 1914-. Pres. Mo. State Vet. Med. Assoc., 1900, sec., 1896-1900; sec. Mo. Valley Vet. Med. Assoc., 1900-8, pres., 1909; sec. Colo. Vet. Med. Assoc., 1908-12; chm. com. on disease, Amer. Vet. Med Assoc., 1911; pres. Amer. Assoc. Instrs. and Invests. in Poultry Husb., 1924-5; sec. N. C. Poultry Assoc., 1917-; mem. Intern. Poultry Council, 1923-. Del. to World Poultry Congress, Hague, 1921. *Auth.*: Animal Parasites and Parasitic Diseases, 4th ed. 1918; Anatomy of the Domestic Fowl, 1918; Essentials of Poultry Raising, 1920; Poultry Diseases, 3rd ed. 1923; Poultry Culture. Sanitation and Hygiene, 3rd ed. 1924. —*b.* Williamsport, Pa., Mar. 16, 1874; *s.* G. P. and Mary (Winner) K.; reared on farm; *m.* Mattie Mayes, May 5, 1897; *c.* Madolin. D.V.M., Kans. City Vet. Coll., 1895, and 1901; B.S., Colo. Agr. Coll., 1908; M.S., 1910. Alpha Psi; Alpha Gamma Rho.

Kavanaugh, James Nicholas, co. agrl. agt., Green Bay, Wis.

Agrl. agt., Great Northern Ry., 1912-6; dairy farmer, 1916-9; agrl. agt. Brown Co., 1919-. Sec. Brown Co. Guernsey Breeders Assoc.; sec. Brown Co. Holstein Breeders Assoc.; sec. Brown Co. Pure Bred Seed Growers Assoc.; manag. farm crop dept., N. E. Wis. Fair. (Dairying). —*b.* Kaukauna, Wis., Dec. 17, 1889; *s.* Nicholas and Mary (Doran) K.; reared on farm. Grad. Univ. Wis., 1912.

Kays, Donald Jackson, prof. an. husb., Ohio State Univ., Columbus, O.

Teach., Rockford high-sch., Ill., 2 yrs.; instr. an. husb., Ohio State Univ., 1 yr.; asst. prof., 1 yr.; prof., 10 yrs., in chg. horse production. Sec. O. Percheron Breeders Assoc., 12 yrs.; sec. O. Belgian Breeders Assoc., 6 yrs. Contr. to Book of Rural Life. —*b.* Magnolia, Ill., Sept. 11, 1886; *s.* John A. and Mary Alice (Hartenbower) K.; reared on farm; *m.* Maud Mallin, June 15, 1914; *c.* John Mallin, Mary Lois, Marjorie. B.S.A., Univ. Ill., 1912. Alpha Zeta; Alpha Delta Phi.

Kays, Victor C., pres. State Sch. Agr., Jonesboro, Ark.

In chg. sci., high-sch., Savanna, Ill., 2 yrs.; asst. an. husb., N. Mex. A. & M. Coll., 1 yr.; chg. substa., Wetumpka, Ala., 1 yr.; present position, 1910-. Sec. Ark. Aberdeen-Angus Assoc. (An. husb. and dairying). —*b.* Henry, Ill., July 24, 1882; *s.* John A. and Mary A. (Hartenbower) K.; reared on farm; *m.* Bertie B. Hale, June 21, 1917; *c.* Victor Hale. A.B., Univ. Ill., 1906; M.S.A., N. Mex. A. & M. Coll., 1909.

Kazmeier, Fred William, poultryman, Bryan, Tex.

Asst. poultry, Cornell Univ., 1913-4; instr., Tex. A. & M. Coll., 1914-5; formerly poultry husb. Owner Kazmeier Poultry Farm and Hatchery, Bryan; poultry expert, Universal Mills, Ft. Worth. *Auth.*: Correspondence Course in Poultry, in 10 books. *Ed.* "OK"

Poultry Journal, Mounds, Okla. —*b.* Kiel, Wis., July 31, 1890; *s.* Adam and Clara (Hedler) K.; reared on farm; *m.* Ethel Benjamin, Dec. 25, 1914 (d. 1917); 2d Mayme Hazle, 1921. Special course, Cornell Univ.

Kearney, Thomas Henry, sr. physiol., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. bot., Tenn. Agr. Exp. Sta., 1892-3; asst. curator herbarium, Columbia Univ., 1893-4; asst. agrostologist, U. S. Dept. Agr., 1894-7; asst. bot., 1898-1900; asst. physiol., 1900-2; physiol., 1902-. Traveled in Algeria and Egypt, 1902; Tunis, Sicily, Algeria, 1904-5; Algeria, 1918. (Adaptation of crop plants to alkali soils and breeding Egyptian cotton). —*b.* Cincinnati, O., June 27, 1874; *s.* Thos. H. and Lavinia (Miner) K.; reared in city. L.L.D., Univ. Ariz., 1920.

Kearns, Everette Thomas Jr., teach. agr., high-sch., Apex, N. C.

b. Farmer, N. C., Jan. 17, 1903; *s.* E. T. and Carrie (Fuller) K.; reared on farm. B.S., N. C. State Coll., 1923.

Keegan, William John, ext. dairy specialist, Clemson Agr. Coll., Florence, S. C.

Manag. Jersey dept., Longview Farm, Lee's Summit, Mo., 1917-8; Cedarcrest Farm, Independence, 1920-1; Tippah Farms, Cotton Plant, Miss., 1921-2. —*b.* Edinburgh, Scotland, Apr. 6, 1896 (naturalized 1918); *s.* Jas. J. and Elizabeth (Todd) K.; reared on farm and in city; *m.* Catherine Jones, Nov. 15, 1922. B.S.A., Univ. Mo., 1920. Alpha Gamma Rho.

Keen, Frederick Paul, assoc. ent., U. S. Dept. Agr., Box 38, Palo Alto, Calif.

Forest insect invests., U. S. Bur. Ent., 1919-; citrus orchardist, San Diego, Calif., 1919-21. 2d Lieut. U. S. Army, 1917-9. —*b.* San Diego, Calif., Nov. 20, 1890; *s.* Frederick F. and Alice Pauline (Boyd) K.; reared on farm. B.S.A., Univ. Calif., 1914. Alpha Zeta.

Keene, Purley Lorenzo, asst. prof. hort., S. D. State Coll., Brookings, S. D.

Served in U. S. Army, 1918-9. —*b.* Nicollet Co., Minn., Dec. 14, 1890; *s.* Jesse L. and Marian O. (Randall) K.; reared on farm; *m.* Sara M. Maesse, June 28, 1924. B.S., Univ. Minn., 1915; M.S., 1922.

Keffer, Charles Albert, dir. ext. div., Univ. Tenn., Knoxville, Tenn.

Prof. bot. and hort., S. D. State Coll., 1886-90; prof. hort. and for., Univ. Mo., 1891-4; asst. chief Div. For., U. S. Dept. Agr., 1895-8; prof. agr. and hort., N. Mex. A. & M. Coll., 1899-1900; prof. hort. and for., Univ. Tenn., 1900-15; dir. ext., 1915-. —*b.* Des Moines, Ia., June 11, 1861; *s.* S. B. and Rebecca (Kagey) K.; reared in city. Special course, Ia. State. Coll.; Mast. Hort., 1887.

Keil, Philip Francis, manag. seed dept., Job P. Wyatt & Sons Co., Raleigh, N. C.

Asst., L. I. R. R. Exp. Stas., Medford, 4½ yrs.; lands. work, I. Hicks & Son, Westbury, 2 yrs.; co. agrl. agt., Burlington Co., N. J., 1918-9; present position, 1919-. —*b.* Farmingdale, L. I., Aug. 31, 1888; *s.* Chas. Gunther and Frances (Corsa) K.; reared on farm; *m.* Pearl Lawrence Price, Apr. 24, 1915. Special student, Syracuse Univ.

Keim, Franklin David, prof. agron., Univ. Neb., Lincoln, Neb.

Supt. public schs., 2 yrs. —*b.* Hardy, Neb., Sept. 10, 1886; *s.* Dennis and Jennie (Cramer) K.; reared on farm; *m.* Alice Voigt, June 12, 1914; *c.* Virginia, Wayne Franklin. B.Sc., Univ. Neb., 1914; M.Sc., 1919. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Keithley, Joseph Rayburn, supt. of plants, Twin City Milk Producers Assoc., St. Paul, Minn.

Asst. instr., Univ. Mo., 1908-9; res. dairy manufactures, U. S. Dept. Agr., 1909-14; prof. dairying, N. D. Agr. Coll., 1914-8; prof. dairy husb., 1918-9; prof. dairy husb., Univ. Minn., 1920-3; present position, 1924-. —*b.* Ashley, Mo., May 2, 1884; *s.* Joseph F. and Amanda M. (Spencer) K.; reared on farm; *m.* Edwinia Walden Jarvis, Aug. 26, 1915 (d. 1919); 2d, Claudia Searle Hennessy, Aug. 15, 1923; *c.* Virginia Walden, Eleanore Spencer. B.S.A.,

Univ. Mo., 1908; M.S.A., 1911. Gamma Sigma Delta; Alpha Gamma Rho; Phi Kappa Phi; Alpha Zeta.

Keitt, George Wannamaker, prof. plant path., Univ. Wis., Madison, Wis.

Lect. plant path., Univ. Wis., 1913-4; asst. prof., 1914-7; asst. prof., 1917-9; prof., 1919-. —*b.* Newberry, S. C., June 11, 1889; *s.* Thos. Wadlington and Annie (Wannamaker) K.; reared on cotton plantation. B.S., Clemson Agr. Coll., 1909; M.S., Univ. Wis., 1911; Ph.D., 1914. Sigma Xi; Gamma Alpha; Phi Kappa Phi.

Kell, Walter V., asst. co. agt. leader, Purdue Univ., LaFayette, Ind.

Farm manag., Ind. State Sch. for Feeble-Minded Youth, Ft. Wayne, 1917-9. Mem. Ill. Agrl. Comn. to Europe, 1912. Treas. Allen Co. Farm Bur., 1919; sec. Allen Co. Farmers Organization, 1918. —*b.* Huntertown, Ind., Mar. 24, 1889; *s.* Geo. V. and Alice K.; reared on farm; *m.* Myrtle M. Snyder, Nov. 27, 1913; *c.* Kenneth Richard, Walter Paul, Ralph Warren. B.S., Univ. Ill., 1912.

Kellaway, Herbert John, lands. arch., 12 West St., Boston, Mass.

In office F. L. Olmsted, Brookline, Mass., 1892-1906; private practice, 1906-. Fellow Amer. Soc. Lands. Arch. *Auth.*: How to Lay Out Suburban Home Grounds, 1907, 2d ed. 1915. —*b.* Sevenoaks, Kent Co., England, Nov. 11, 1867 (naturalized as minor); *s.* Joseph May and Mary Rebecca (Hyland) K.; reared in country; *m.* Lutie Fern Campbell, Nov. 11, 1919; *c.* Ida Louise.

Keller, Henry Jr., prof. agrl. econ., Rutgers Univ., New Brunswick, N. J.

Asst. agrl. econ., Univ. Wis., 1920-2; present position, 1922-. 1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Bellefonte, Pa., June 11, 1895; *s.* Harry and Anna (Orvis) K.; reared in town; *m.* Eleanor Parker, Feb. 5, 1921. B.S., Penn. State Coll., 1920; M.S., Univ. Wis., 1921. Phi Kappa Sigma.

Kellerman, Karl Frederic, assoc. chief Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. bot., Cornell Univ., 1900-1; asst. physiologist, Bur. Plant Ind., 1901-4; physiologist in chg. lab. of plant physiology, 1905-6; chg. soil bact. and water purification invests., 1906-23; asst. chief, 1914-7. Mem. Fed. Hort. Bd.; chm. editorial com., Journal of Agrl. Res. Fellow A. A. A. S.; mem. Washington Acad. Sci. —*b.* Goettingen, Germany (of American parents), Dec. 9, 1879; *s.* Wm. Ashbrook and Stella V. (Dennis) K.; *m.* Gertrude Hast, Aug. 17, 1905. S.B., Cornell Univ., 1900; D.Sc., Kans. State Agr. Coll., 1923. Sigma Xi; Delta Upsilon.

Kelley, George William, ed. Farm, Stock and Home and Northwest Farmstead, 427 Sixth Ave. S., Minneapolis, Minn.

b. Odebolt, Ia., June 29, 1879; *s.* Frank and Hattie Ella (Kenyon) K.; reared on farm and in town; *m.* Claire V. Miller, June 17, 1919; *c.* Geo. Wm., Roger Edwin.

Kelley, James Byron, prof. agrl. engin., Univ. Ky., Lexington, Ky.

Instr. agrl. engin., Ia. State Coll., 1912-7; asst. prof., 1917-9; present position, 1919-. —*b.* Farley, Ia., July 4, 1889; *s.* Manley L. and Lillias (Kelley) K.; reared in country; *m.* Alice B. Gordon, Dec. 27, 1922. B.S., Ia. State Coll., 1912; B.S. in A.E., 1913.

Kelley, Joanna R., farmer, Devils Lake, N. D.

Teach. public schs., Kans. and N. D. Ex-vice-pres. Farm Woman's Congress; on bd. Imperial Seed Growers of N. D. and Grimm Alfalfa Growers. (Developed early maturing White Dent corn). —*b.* Emporia, Kans., Dec. 5, 1870; *d.* J. V. and Anna M. (Watson) Randolph; reared on farm; *m.* Clark W. Kelley, Apr. 29, 1897.

Kelley, John, dir. rural educ. dept., Cent. Mich. Normal Sch., Mt. Pleasant, Mich.

Dir. Training Sch., Cent. Mich. Normal, Mt. Pleasant, Mich., 1897-9, 1905-13; present title, 1913-. —*b.* Palmyra, N. Y., Aug. 31, 1858; *s.* Martin and Mary (Brophy) K.; reared on farm; *m.* Minta E. Spencer; *c.* Spencer D., Paul H., Eva May, Mary Elizabeth. M.A., Columbia Univ., 1905.

Kelley, Julia E., home dem. agt., Seymour, Tex.

In Quartermaster Dept., U. S. govt., 1918-21; teach. home econ., public schs., Amarillo, 1923. —*b.* Anderson Co., Tex., Oct. 7, 1894; *d.* S. S. and Nannie Rush; reared on farm; *m.* M. L. Kelley, Oct. 26, 1917. Grad. W. Tex. State Teach. Coll., 1923.

Kelley, M. A. Raymond, assoc. agrl. engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Instr. agrl. engin., Univ. Mo., 1912-6; in chg. farm bldg. serv., Louden Mach. Co., Fairfield, Ia., 1916-8; present position, 1918-. —*b.* Battle Creek, Ia., Apr. 2, 1888; *s.* Manley and Lillian Muir (Crawford) K.; reared in country; *m.* Verdie Mae Read, June 7, 1914. B.S., Ia. State Coll., 1912, 1913; A.E., 1922.

Kelley, Walter Pearson, prof. agrl. chem., Univ. Calif., Citrus Exp. Sta., Riverside, Calif.

Asst. chem., Purdue Exp. Sta., 1905-8; chem., U. S. Dept. Agr., Hawaii Exp. Sta., 1908-14; present position, 1914-. (Soil invests., plant nutr.). —*b.* Franklin, Ky., Feb. 19, 1878; *s.* John Wm. and Mary Eliza (Mayes) K.; reared on farm; *m.* Sue Kathrine Eubank, Aug. 6, 1913. B.S., Univ. Ky., 1904; M.S., Purdue Univ., 1907; Ph.D., Univ. Calif., 1912. Sigma Xi; Alpha Tau Omega.

Kellogg, Ruth Mary, asst. prof. home econ., Cornell Univ., Ithaca, N. Y.

Instr., Mich. Agr. Coll., 1917-9; asst. prof., 1919-20; present position, 1920-. —*b.* Russell Co., Kans.; *d.* Chas. H. and Florence (Shaw) K.; reared on farm and in city. B.S., Kans. State Agr. Coll., 1910; grad. student, Univ. Chicago.

Kelly, Albert A., market-gardener and plant grower, E. 4100 Sprague Ave., Spokane, Wash.

Mem. Wash. Legislature, 1915-21; Wash. State Grange lect., 1905-7; pres. and manag. Spokane Coop. Growers Assoc., 1907. —*b.* Council Bluffs, Ia., Aug. 25, 1867; *s.* Bryan and Mary (Ahern) K.; reared in city; *m.* Emma E. Bronson, 1890; *c.* Mary, Albert, Joseph, Xavier.

Kelly, Edward Guerrant, prof. ent. ext., Kans. State Agr. Coll., Manhattan, Kans.

Asst. ent., Univ. Ill., 1904-7; asst. ent., U. S. Dept. Agr., 1907-18; present position, 1918-. —*b.* New Concord, Ky., July 25, 1880; *s.* Richard Edward and Almeda Ann (Guerrant) K.; reared on farm; *m.* Juanita Huddleston, Feb. 18, 1908, *c.* Edward G. Jr. B.S., Univ. Ky., 1903; M.S., 1904. Gamma Sigma Delta.

Kelly, Ernest, in chg. market milk invests., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Sanitarian, Fairfield Dairy Co., Caldwell, N. J., 1906-7; sanitarian, Newark Milk and Cream Co., N. J., 1908-9; deputy state dairy and food comnr., Wash., 1909-10; present position, 1910-. Pres. Intern. Assoc. Dairy and Milk Insps., 1920. *Co-auth.*: Market Milk. (Production and distribution of city milk supplies). —*b.* Washington, D. C., Nov. 28, 1883; *s.* Joseph Thos. and Abbie Florence (Bailey) K.; reared in city; *m.* Bartella Trumbull Dorrance, Dec. 7, 1909; *c.* Ernest Dorrance, Harry Trumbull. Student Cornell Univ., 1902-6. Sigma Phi Sigma.

Kelly, Harvey Nathan, teach. agr., high-sch., Evergreen, N. C.

Teach. agr., high-sch., Chapel Hill, N. C., 1923-4; Evergreen, 1924-. Served in A. E. F., 1918-9. —*b.* Bladenboro, N. C., July 19, 1894; *s.* John Nathan and Katherine Isabelle (Davis) K.; reared on farm. B.S., N. C. State Coll., 1923. Alpha Zeta.

Kelsey, David Stone, agrl. journalist, R. F. D. 2, Springfield, Mass.

Teach. and princ. public schs., Conn., N. H., N. Y., 14 yrs.; manag. David Kelsey & Sons, market-gardeners, nurserymen and fruit-growers, W. Hartford, Conn. Assoc. with Roosevelt's Country Life Comn.; fellow London Soc. Chem. Ind. Mem. state adv. bd., Conn. Farmers Insts., 3 yrs.; 1st pres. Conn. Asparagus Growers Assoc.; 1st sec. Conn. Veg. Growers Assoc. In U. S. Public Serv. Reserve; volunteer Conn. Home Guard. *Auth.*: Kelsey's

Rural Guide, 1925. *Ed.*, Conneticut Farmer, 1914-7. —*b.* Killingrowth, Conn., Jan. 8, 1862; *s.* Chas. and Olive Ann (Stone) K.; reared on farm; *m.* Elnora Phelps Isbell, Aug. 14, 1889; *c.* Christine, Lincoln D., Jessamine, Elias I., Homer S. Student Boston Univ., 1887-9.

Kelsey, Edmund Dean, teach. agr. and sci., Bradford Acad., Bradford, Vt.

With Hittinger Fruit Co., Belmont, Mass., 1911-4; superv. work of boys on farm, Stetson Home, Barre, Mass., 1919-22; superv. S. Berkshire Cow Testing Assoc., 1923-4; present position, 1925-. Corporal U. S. Army, 1918-9; 2d Lieut. O. R. C. —*b.* Stonington, Conn., May 31, 1892; *s.* Harmon Jarvis and Agnes (Doty) K.; reared on farm; *m.* Freda Trout, Aug. 16, 1924. B.S., Mass. Agr. Coll., 1917. Kappa Epsilon.

Kelsey, Lincoln David, co. agrl. agt., Room 93, Court House, Albany, N. Y.

Market-gard., Hartford, Conn., 4 yrs.; formerly co. agrl. agt., Springfield, Mass.; agrl. agt. Franklin Co., N. Y., 1920-3; Albany Co., 1924-. Sec. convention com., Veg. Growers Assoc. of Amer., 1917. In U. S. Army, 1918-9; with Near East Relief in Turkey, 1919. —*b.* Saratoga Springs, N. Y., May 22, 1894; *s.* David S. and Elnora P. (Isbell) K.; reared on farm; *m.* Alice Geer, 1919; *c.* Paul Manning, Edith May. B.S., Mass. Agr. Coll., 1917. Alpha Gamma Rho.

Kelsey, Ray Thomas, assoc. ed. The Ohio Farmer, 1013 Oregon Ave., Cleveland, O.

Served in U. S. Army, 1918 (Livestock). —*b.* Gardner, Kans., June 13, 1897; *s.* A. B. and Agnes C. (Williams) K.; reared on farm; *m.* Mary Prater, 1925. B.S.A., Purdue Univ., 1923. Lambda Chi Alpha; Alpha Zeta; Sigma Delta Chi.

Kelso, Floyd Lee, farm supt., U. S. Dept. Agr., Ardmore, S. D.

b. Willard, Mo., Sept. 12, 1881; *s.* H. T. and Mary Ellen (Kime) K.; reared on farm. B.S.A., Univ. Mo., 1907.

Kemp, Charles Willis, dir. Norfolk Co. Agrl. Sch., Walpole, Mass.

Instr. agr., Proctor Acad., Andover, N. H., 1911-2; instr. agr. and princ. Colebrook Acad., Colebrook, N. H., 1912-5; instr. agr., T. N. Vail Agrl. Sch., Lyndonville, Vt., 1915-6; instr. agr., Weymouth branch, Norfolk Co. Agrl. Sch., 1916-8, 1919-23; farm manag. and instr. agr., Riggs Sch., Lakeville, Conn., 1918-9; field prof. agrl. teach.-training, Mass. Agr. Coll., 1923; present position, 1923-. —*b.* Fairhaven, Mass., Apr. 10, 1888; *s.* Z. Willis and Mary (Boynton) K.; reared in country; *m.* Winifred P. Ingalls, July 16, 1912; *c.* Robt. Ingalls, Frances L. B.S., N. H. Coll., 1911. Theta Chi; Alpha Zeta.

Kemp, William Beck, assoc. prof. genetics and agron. and assoc. agron. Exp. Sta., Univ. Md., College Park, Md.

Asst. agron., Md. Exp. Sta., 1912; teach. agr., high-schs., Frederick Co., Md., 1912-3; instr. agron. and asst. agron. Exp. Sta., W. Va. Univ., 1913-6; asst. prof. farm crops, 1916; ext. agron., Md. State Coll., 1916-7; princ. Sparks Agrl. High-Sch., 1917-21; present position, 1921-. —*b.* Glyndon, Md., Mar. 3, 1890; *s.* J. M. and Sadie (Beck) K.; reared on farm; *m.* Ellen Louise Cobey, Jan. 12, 1915; *c.* Margaret Cobey, Wm. Beck. B.S., Md. State Coll., 1912. Phi Kappa Phi.

Kempster, Harry Laverne, prof. poultry husb., Univ. Mo., Columbia, Mo.

Instr. poultry husb., Mich. Agr. Coll., 1909-11; asst. prof., Univ. Mo., 1911-3; assoc. prof., 1913-9; prof., 1919-. —*b.* Coldwater, Mich., Oct. 6, 1883; *s.* Stephen W. and Eliza (Peppiatt) K.; reared on farm; *m.* C. Ruth Curts, Apr. 11, 1914; *c.* Elizabeth Curts, John Holroyd, Stephen Wells, Jane Louise. B.S.A., Mich. Agr. Coll., 1909. Alpha Zeta; Gamma Sigma Delta.

Kempton, Forrest Ellwood, assoc. path. in chg. barberry eradication campaign, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Breeder Shorthorn cattle, 1906-13; prof. bot. and zool., Ill. Coll., Jackson-

ville, 1913-4; asst. bot., Univ. Ill., 1914-7; plant path. in smelter smoke invests., St. Louis Smelting and Refining Co., Collinsville, Ill., 1917; path., U. S. Dept. Agr., Mayaguez, P. R., 1918. (Control of stem-rust of grain). —*b.* Centreville, Ind., Oct. 5, 1883; *s.* Wm. J. and Savilla (Ellwood) K.; reared on farm. B.S., Earlham Coll., 1906; M.S., Univ. Wis., 1913; Ph.D., Univ. Ill., 1918. Sigma Xi.

Kendall, George Brophy, co. agrl. agt., Jacksonville, Ill.

Teach. agr. and rural sociol., State Normal Sch., Moorhead, Minn., 1912-8. —*b.* Adams Co., Ill., May 17, 1876; *s.* Chas. A. and Mary (Frame) K.; reared on farm; *m.* Emma H. Rickart, June 27, 1906; *c.* Chestine, Jean, Ruth. B.S., Univ. Ill., 1912. Kappa Delta Pi.

Kendall, John Chester, dir. N. H. Exp. Sta. and dir. ext. serv., Univ. N. H., Durham, N. H.

Chg. short course in dairying, N. C. A. & M. Coll., winter, 1902; instr. and asst. prof. dairy husb., 1902-7; state dairy comnr. of Kans., July-Dec., 1907; prof. dairy husb., Kans. State Agr. Coll., 1907-10; dir. N. H. Exp. Sta., 1910-; dir. ext. serv., 1911-. —*b.* Harrisville, N. H., Mar. 13, 1877; *s.* Gilman and Lucy Ann (Felch) K.; reared on farm; *m.* Marjorie Louise Foster, Oct. 2, 1912. B.S., N. H. A. & M. Coll., 1902. Kappa Sigma.

Kendall, William B., grain and feed dealer, Bowdoinham, Me.

Mem. Me. Legislature, 1907. —*b.* Bowdoinham, Me., Oct. 19, 1855; *s.* Jas. Madison and Emily (Whitten) K.; reared in village; *m.* Ella C. Adams, Feb. 19, 1896.

Kendrick, Myron Slade, asst. prof. rural econ., Cornell Univ., Ithaca, N. Y.

Instr. econ., Drake Univ., 1921; Cornell Univ., 1921-4; asst. prof., 1924-5; present position, 1925-. Served in U. S. Army, 1918-9. —*b.* Mendon, Mo., Aug. 24, 1894; *s.* H. B. and Mary Katherine (Price) K.; reared on farm; *m.* Nita Collier, June 28, 1922. A.B., Univ. Mo., 1918; A.M., 1921; Ph.D., Cornell Univ., 1924. Phi Beta Kappa; Phi Kappa Phi; Delta Sigma Rho.

Kendrick, William Henry, state agt. boys agrl. clubs, W. Va. Univ., Weston, W. Va.

b. Selma, Ala., May 7, 1882; *s.* J. S. and Martha (Woolery) K.; reared on farm and in city; *m.* Olive M. Garrison, Aug. 8, 1901; *c.* Jas. G., Martha, Oliva. A.B., Central Univ., 1903; B.S., W. Va. Univ., 1915. Beta Theta Pi.

Kenestrick, Harold George, asst. prof. agrl. educ., Ohio State Univ., Columbus, O.

Instr. agrl. educ., Ohio State Univ., 1919-22; asst. prof., 1922-. 2nd Lieut. Inf., U. S. Army, 1918. —*b.* Crawford Co., O., Apr. 13, 1894; *s.* John and Loretta (Wilson) K.; reared on farm; *m.* Roxie Ann Millikin, Aug. 17, 1920. B.S.A., Ohio State Univ., 1919; grad. student, Cornell Univ., 1922, 1924. Phi Delta Kappa.

Kennard, Dwight C., assoc. in chg. poultry invests., Ohio Agr. Exp. Sta., Wooster, O.

Asst. chem., Atchison Topeka & Santa Fe Ry., 1905-10; poultryman and fruit-grower, Santa Rosa, Calif., 1910-6; instr. poultry, Purdue Univ., 1918-21; poultry invest. Food Res. Lab., U. S. Dept. Agr., 1921-2; present position, 1922-. (Poultry res.). —*b.* Smith Center, Kans., Apr. 7, 1881; *s.* Owen and Sarah (Meiser) K.; reared on farm; *m.* Florence Lott, May 1910; *c.* Clinton, Margaret. Ph.C., Kans. Univ., 1903; B.S.A., Univ. Wis., 1918. Alpha Zeta.

Kennedy, Carl Nelson, asst. sec. of agr., Dept. Agr., Des Moines, Ia.

Instr. an. husb., Tex. A. & M. Coll., 1912-4; asst. prof. an. husb., Ore. Agr. Coll., 1914-7; agrl. agt. Polk Co., Ia., 1917-20; farm organization ed. Wallaces Farmer, 1920-1; manag. Des Moines Coop. Dairy Marketing Assoc., 1921-4; present position, 1924-. Sec. Ore. Stallion Registration Bd.; sec. Ore. Horse Breeders Assoc.; sec.-treas. Nat. Assoc. Co. Agts., 1917-8, pres., 1919. *Auth.*: (with E. L. Potter) Horse Management, 1915. (Horses). —*b.* Ankeny, Ia., Jan. 21, 1889; *s.* J. W. and Anna (Tait) K.; reared on farm; *m.*

Mae Irvine, 1915; *c.* Joseph Wm., Helen Ann. B.S., Ia. State Coll., 1912; M.S.A., 1920. Alpha Zeta.

Kennedy, Clarence Hamilton, asst. prof. ent., Ohio State Univ., Columbus, O.

Sci. asst., Bur. Fisheries, 1903-4; apple-grower, Yakima Valley, Wash., 1909-14; instr. limnology, Cornell Univ., 1916-7; instr. zool., N. C. State Coll., 1918-9; instr. ent., Ohio State Univ., 1919-22; asst. prof., 1922-. Fellow A. A. A. S., O. Acad. Sci., mem. Ind. Acad. Sci. Asst. manag. ed., Annals Ent. Soc. of Amer., 1923-. —*b.* Rockport, Ind., June 25, 1879; *s.* Albert Hamilton and Emma (Tennant) K.; reared in town. A.B., Indiana Univ., 1902; A.M., 1903; A.M., Stanford Univ., 1915; Ph.D., Cornell Univ., 1919. Sigma Xi; Phi Delta Theta; Gamma Alpha.

Kennedy, Patrick Beveridge, assoc. prof. agron., Univ. Calif., Berkeley, Calif.

Asst. chem., Ont. Agr. Coll., 1896; asst. Div. Agrostology, U. S. Dept. Agr., 1899-1900; assoc. prof. bot., hort. and ent., Univ. Neb., 1900-2; prof. bot., hort. and for. 1902-13; asst. prof. agron., Univ. Calif., 1914-6; assoc. prof., 1917-. Pres. Calif. Bot. Soc., 1916-8. (Grasses, legumes, weeds, seeds). —*b.* Mount Vernon, Lamarkshire, Scotland, June 17, 1874; *s.* Geo. Penrose and Kate Butler (Watt) K.; reared in country; *m.* Clara M. French, June 13, 1900; *c.* Kate B., Margaret F., Jean M., P. B. Jr., Robt. D. B.S.A., Toronto Univ., 1894; Ph.D., Cornell Univ., 1899. Sigma Xi; Phi Kappa Phi.

Kennedy, Worthington Chester, teach. voc. agr., high-sch., Middletown, Conn.

Chg. dairy and calf raising, Mixter Farms, Hardwick, Mass., 1907-10; head wholesale dept., Springfield Coop. Milk Assoc., 1910; buttermaker, Columbia Creamery Co., 1910-1; agrl. agt. Windham Co., Conn., 1915-6; head dept. an. husb. and dairying, Essex Co. Agrl. Sch., Mass., 1916-9; teach. voc. agr., Gilbert Sch., Winsted, Conn., 1919; acting superv. agrl. educ., 1919-20; present position, 1921-. Vice-pres. Middlesex Co. Fair and Livestock Assoc.; mem. exec. com. Conn. State Fed. Teach. Clubs. —*b.* Hardwick, Mass., Mar. 11, 1886; *s.* Timothy E. and Lottie E. (Sturtevant) K.; reared on farm; *m.* Dorothy Sayward, June 9, 1915; c. Donald, Dorothy. B.S., Mass. Agr. Coll., 1915.

Kenney, Francis Royal, supt. Los Angeles Creamery, Los Angeles, Calif.

Dairy and poultry farmer, Conn., 1914-6; ext. asst. prof. poultry husb., Ia. State Coll., 1916-9; assoc. prof. and head dept. poultry and poultry husb., Exp. Sta., Univ. Ariz., 1919-20; educ. and voc. superv., U. S. Army, 1921; present position, 1922-. Capt. Cavalry, U. S. Regular Army, 1917-9. —*b.* Fall River, Mass., June 9, 1892; *s.* Hugh E. and Mary E. (Daily) K.; reared on farm and in city; *m.* Hazel Fern Cook, June 23, 1915; *c.* Kathryn Claire, Mary Celest, Francis Vincent. B.S.A., Mich. Agr. Coll., 1914.

Kenney, Ralph, field agt. in agron., Univ. Ky., Lexington, Ky.

Asst. agron., Univ. Ky., 1912-3; asst. prof. farm crops, Kans. State Agr. Coll., 1914-7; grass invest. in Paraguay, for Central Products Co., N. Y. June-Dec., 1917; distr. agrl. agt., Manhattan, Kans., 1917-8; ext. specialist crops, Kans. State Agr. Coll., 1918-20; present position, 1920-. —*b.* Centerville, O., Oct. 21, 1889; *s.* P. F. and Mary (Swadener) K.; reared on farm; *m.* Ida Virginia Wroten, July 15, 1914. B.S., Ohio State Univ., 1912. Alpha Zeta.

Kennon, William Dennis, superv. agrl. census, Woodward, Okla.

Princ. high-sch., Stillwater, Okla., 1914-7; co. agrl. agt., Alva, 1917-22. —*b.* Bolivar, Mo., Apr. 14, 1888; *s.* Jas. Sigel and Marjory Pearline (Hensley) K.; reared on farm; *m.* Clara Parkhurst, Feb. 28, 1909; *c.* Marjory Ludella. B.S., Okla. A. & M. Coll., 1914.

Kent, Harry Llewellyn, pres. and dean agr., N. Mex. A. & M. Coll., State College, N. Mex.

Student asst., State Normal Sch., Emporia, Kans., 1903-4; teach. sci. and agr., Hays State Normal, 1904-9; teach. nature-study and agr., State Normal Sch., Keene, N. H., 1909-11; dir. correspondence study, Kans. State Agr. Coll., 1911-3; princ. Sch. Agr.,

Kans. State Agr. Coll., 1913-20; assoc. prof. agrl. educ., 1913-8; prof. voc. educ., 1918-20; supt. Ft. Hays Exp. Sta., Hays, Kans., 1920-1; present position, 1921-. Mem. state com. on agrl. educ. for Smith-Hughes fund. *Auth.*: (with Call) Agriculture, Kansas State Text for Rural Schools. —*b.* Belleville, Kans., Nov. 27, 1879; *s.* Geo. C. and Lisetta A. (Pfaff) K.; reared on farm; *m.* Ursula B. Dickinson, Aug. 7, 1907; *c.* Harry L. Jr., Geo. Clarence, Lisetta L., Richard F. A.B., Kans. State Normal, 1912; B.S., Kans. State Agr. Coll., 1913; M.S., 1920. Phi Kappa Phi; Alpha Zeta.

Kent, Olney Brown, in chg. poultry dept. The Quaker Oats Co., Chicago, Ill.

Instr. poultry husb., Cornell Univ., 1913-7; asst. prof., 1917-20; prof., 1920-2; present position, 1922-. —*b.* Meriden, Conn., Nov. 16, 1890; *s.* Silas W. and Mary E. (Chapman) K.; reared on farm; *m.* Grace Gwendolyn Chapman, June 24, 1914; *c.* Olney B. Jr. B.S., Cornell Univ., 1913; M.S., 1914; Ph.D., 1917. Sigma Xi; Sigma Phi Sigma.

Kephart, Leonard Wheeler, assoc. agron. in clover invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Ithaca, N. Y., Jan. 10, 1892; *s.* Horace and Laura (Mack) K.; reared in town; *m.* Frances Frazer, Nov. 22. 1916; *c.* Jane, Geo., Barbara. B.S., Cornell Univ., 1913.

Kercher, Otis, co. agrl. agt., Danville, Ill.

Teach. agr., high-sch., Homer, La., 1914; agrst., La. Ind. Inst., Ruston, 1914-5; state leader boys club work, Univ. Ky., 1915-9; agrl. agt. Pike Co., Ill., 1919-24; Vermilion Co., 1924-. —*b.* Goshen, Ind., Sept. 9, 1892; *s.* Abraham and Anna (Buzzard) K.; reared on farm; *m.* Genevieve Williams, Dec. 31, 1914. B.S., Univ. Ill.

Kern, Frank Dunn, prof. bot. and bot. to Exp. Sta., State College, Pa.

Special agt. Bur. Plant Ind., U. S. Dept. Agr., 1904-5; asst. and later assoc. bot., Ind. Exp. Sta., 1905-13; instr. cryptogramic bot., Purdue Univ., 1910-2; present position, 1913-; dean Grad. Sch., 1922-. Bot. Pa. State Bd. Agr., 1913-9; mem. War Emergency Bd. (Plant rusts). —*b.* Reinbeck, Ia., June 29, 1883; *s.* W. S. and Emma (Dunn) K.; reared on farm; *m.* Jessie Adair, Aug. 21, 1907; *c.* Sue Emma, Frances Louise. B.S., Univ. Ia., 1904; M.S., Purdue Univ., 1907; Ph.D., Columbia Univ., 1911. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Kern, Olly Jasper, asst. prof. agrl. educ., Univ. Calif., Berkeley, Calif.

Princ. Cherry Valley public schs., Ill., 1888-91; instr. Rockford high-sch., 1891-8; supt. schs., Winnebago Co., Ill., 1898-1913; present position, 1913-. Mem. com. on ind. educ. and com. on reorganization of secondary schs., Nat. Educ. Assoc. *Auth.*: Among Country Schools, 1906. —*b.* near Mattoon, Ill., Jan. 1, 1861; *s.* John A. and Elizabeth Ann (Armentrout) K.; reared on farm; *m.* Jessie C. Allen, Aug. 6, 1889; *c.* Esther, Evans, Louise, Russell. Student De Pauw Univ., 4 yrs. Phi Delta Theta.

Kernachan, John Simmons, farmer and pres. Ala. Farm Bur. Cotton Assoc., Montgomery, Ala.

b. Florence, Ala., Apr. 17, 1857; *s.* Robt. and Ellen (Simmons) K.; reared on farm; *m.* Elva H. Moore, Jan. 8, 1891; *c.* Ellen, Carry, Robt.

Kerr, John Steele, nurseryman, Sherman, Tex.

Farmer, Tex., 1865-; began nursery business, 1874; founder and pres. Commercial Nursery and Orchard Co. until 1906, merged into Tex. Nursery Co.; first vice-pres. Tex. Nursery Co. Inc. Pres. Tex. Nurserymens Assoc., 1913-4, sec.-treas., 12 yrs.; ex-pres. Tex. State Hort. Soc. Served in Civil War. *Auth.*: Southwestern Horticulture, 1st, 2d, 3d ed., 1906-14. —*b.* Columbia, Tenn., Jan. 15, 1847; *s.* Green Williamson and Mariah (Henderson) K.; *m.* Amelia Rutherford Murray, Nov. 18, 1874; *c.* Mrs. J. L. Thompson, Mrs. R. E. Vinson, Ruth, Mrs. W. B. Munson Jr.

Kerr, Robert H., chem. in chg. Washington Meat Insp. Lab., U. S. Dept. Agr., Washington, D. C.

Asst. state chem., Univ. Md., 1903-6. (Edible fats, preparation and preservation of meats). —*b.* Emporia, Kans., Sept. 18, 1881; *s.* Geo. W. and Mary E. (Ellington) K.; reared on farm; *m.* Maude G. Miller, June 24, 1908; *c.* Geo. M., Marian F., Roy H. B.S., Okla. A. & M. Coll., 1903.

Kerr, William, dir. voc. educ., State House, Boise, Ida.

Teach., 1905; supt. N. C. Exp. Sta. farm, 1906-8; agrst., Murray Distr. Agrl. Sch., Tishomingo, Okla., 1909-10; farmer, 1912-3; teach. agr., Ky. Military Inst., Lyndon, 1913-4; instr. agr. and sci., McAlester high-sch., Okla., 1914-8; swine specialist, Univ. Ida., 1918-21; state superv. agrl. educ., 1921-4; present position, 1924-. —*b.* Bryson City, N. C., Jan. 17, 1886; *s.* David White and Hattie I. (Reeves) K.; reared on farm. B.S., N. C. State Coll., 1904; M.S., Va. Poly. Inst., 1912.

Kessel, Arthur V., teach. voc. agr., high-sch., Alpha, O.

Teach. sci., high-sch., Brazil, Ind., 1920-3; present position, 1923-. Served in U. S. Navy, World War. (Hort.). —*b.* Brazil, Ind., July 5, 1896; *s.* Jas. M. and Ellen (Winn) K.; reared in town; *m.* Helen Hopkins, Aug. 12, 1924. B.S.A., Purdue Univ., 1920. Alpha Gamma Rho.

Kester, Reuben Perry, ed. Pennsylvania Farmer, Philadelphia, Pa.

Farmer, 15 yrs. State leader Pa. farmers insts., 5 yrs. —*b.* Clearfield Co., Pa., Jan. 18, 1869; *s.* Lewis and Alice (Wall) K.; reared on farm; *m.* Myrtle M. Davis, Aug. 1894; *c.* Elisha Howard, Lucretia Mott.

Ketcham, John Clark, congressman, Hastings, Mich.

Master Mich. State Grange, 1912-20; lect. Nat. Grange, 1917-21; dir. Amer. Country Life Assoc.; pres. Mich. Sugar Beet Growers Assoc.; pres. Nat. Sugar Beet Growers Fed. Mem. Congress, 1920-; served com. on agr. (Rural econ. and educ.). —*b.* Toledo, O., Jan. 1, 1873; *s.* John C. and Mary L. (Davis) K.; reared on farm; *m.* Cora E. Rowlader, June 30, 1897; *c.* Mildred C., John C. Jr., Ruth M.

Ketner, Forrest G., general manag. Eastern States Co. and dir. live-stock marketing, O. Farm Bur. Fed., Columbus, O.

Formerly co. agrl. agt., Delaware, O. Breeder pure-bred O. I. C. swine and Holstein cattle, Fairfield Co., O., 10 yrs. —*b.* Thurston, O., Jan. 23, 1888; *s.* Tunis D. and Clara A. (Wagner) K.; reared on farm; *m.* Maud A. Beery, 1909; *c.* Clara Frances, Forrest Wayne. A.B., Ottenbein Univ., 1910. Phi Kappa Phi.

Kettunen, Arne Gerald, asst. state club leader, Mich. State Coll., Court House, Marquette, Mich.

Garden superv., Houghton Co., Mich., 1917-8; present position, 1918-. —*b.* Ishpeming, Mich., Oct. 28, 1894; *s.* Andrew and Magdalene (Pintamo) K.; reared in city. B.S., Mich. Agr. Coll., 1917. Alpha Zeta.

Keys, Alfred, asst. hort., U. S. Dept. Agr., Plant Introduction Gard., Coconut Grove, Fla.

Asst. curator, Bot. Gard., Dominica, B. W. I., 1919-23; specialist rubber invests. and asst. hort., U. S. Dept. Agr., 1923-. Served in Med Corps, British Army, 1915-9; active serv., Egypt; awarded British 1914-5 Star, in 1920. —*b.* Eastbourne, Sussex, England, Nov. 3, 1890; *s.* Frederick Wm. and Matilda (Hounsome) K.; reared in town; *m.* Isabella Christina Durrand Turnbull, Dec. 23, 1918; *c.* Reginald John, Enid Isabella. Student Royal Bot. Gard., Kew, England, 1912-4.

Keyser, Ormann R., co. agrl. agt., Canton, O.

Served in A. E. F (Agrl. engin.). —*b.* Cleveland, O., Jan. 1, 1892; *s.* Reuben F. and Clara E. (Yost) K.; reared in city and on farm; *m.* Hazel Delle Irvine, June 16, 1923. B.S., Ohio State Univ., 1922.

Kezer, Alvin, prof. agron. and farm manag. and chm. Div. Agr., Colo. Agr. Coll., Fort Collins, Colo.

With U. S. Dept. Agr., 1904-6; chg. soils, Univ. Neb., 1906-9; prof. agron., Colo. Agr. Coll., 1909-; chm. Div. Agr. and farm manag., 1910-. Chm. seed

com., Colo. Adv. Council Defence. Fellow A. A. A. S. —*b.* Bower, Neb., Nov. 7, 1877; *s.* Geo. E. and Clara E. (Bower) K.; reared on farm; *m.* Harriet M. Mitchell, June 19, 1906; *c.* Munro, Jas. B.S., Univ. Neb., 1904; M.A., 1906. Sigma Xi; Alpha Zeta.

Kibby, Loren Sullivan, co. agrl. agt., Catskill, N. Y.

Asst. agrl. agt., Schoharie Co., 1918-9; agrl. agt. Greene Co., 1920-1; asst. manag. green fruit dept., Maynard & Child, N. Y., 1922; ed. agrl. dept. Catskill Examiner, 1923; agrl. agt. Greene Co., 1924-. —*b.* Turin, N. Y., Nov. 28, 1896; *s.* Sylvester and Fannie (Stohr) K.; reared on farm. B.S., Cornell Univ., 1922.

Kidder, Albert F., agron. and asst. dir., La. Exp. Sta., Baton Rouge, La.

Asst. soil physics, Univ. Ill., 1906-7; asst. prof. agron., La. State Univ., 1907-10; prof., 1910-9; present position, 1919-. Fellow A. A. A. S. Sec. La. Corn Growers Assoc. —*b.* Good Hope, Ill., Apr. 2, 1881; *s.* Frank and Fidelia (Fink) K.; reared on farm; *m.* Inez Hyams, Jan. 21, 1909. B.S., Univ. Ill., 1906. Sigma Xi; Alpha Zeta.

Kidder, Merle, instr. voc. agr. and princ. high-sch., Drake, N. D.

Lab. instr. zool., Ia. State Coll., 1921-2; present position, 1923-. —*b.* Epworth, Ia., Oct. 1, 1898; *s.* Zephaniah and Sadie (Fay) K.; reared on farm. B.S.A., Ia. State Coll., 1923. Sigma Phi Epsilon.

Kidder, Waldo, ext. agron., Colo. Agr. Coll., Fort Collins, Colo.

Co. agrl. agt., Walsenburg, 1917-20; Brighton, 1920-2; present position, 1922-. —*b.* Melrose, Ia., Dec. 9, 1894; *s.* E. M. and Anna (Halsey) K.; reared on farm and in town; *m.* Florence Crane, Dec. 29, 1918; *c.* Robt., Jas. B.S., Colo. Agr. Coll., 1917. Sigma Chi; Alpha Zeta.

Kidman, Carl May, co. agrl. agt., Port Huron, Mich.

b. Clyde, O., Aug. 15, 1889; *s.* Simon G. and Ida (May) K.; reared on farm; *m.* Stella Elizabeth Older, Sept. 27, 1911 (d. 1917); 2d, Elizabeth Mabel Kaiser, Dec. 26, 1918; *c.* Lorena Belle, Carol Marceleen. B.S., Mich. Agr. Coll., 1917.

Kienholz, William S., dir. voc. educ. for city schs., 815 Security Bldg., Los Angeles, Calif.

Teach. biol. sci., high-sch., Crookston, Minn., 1900-1; teach. sci. and athletics, Lombard Coll., 1901-3; N. C. A. & M. Coll., 1903-4; teach. athletics, Univ. Colo., 1905-6; biol. and athletics, Wash. State Coll., 1908-9; supt. agr., Pasadena, Calif., 1912-7; Los Angeles, 1918-. Pres. Pasadena Civic Assoc. —*b.* Karson, Minn., Oct. 22, 1875; *s.* Ulrich and Kath (Grossman) K.; reared in city and on farm; *m.* Maude J. Fitch, 1902. A.B., Lombard Coll.; B.S., Univ. Minn. Sigma Phi Epsilon.

Kieser, Paul Werner, news ed., Jr. Achievement Bur., Springfield, Mass.

City ed. Aberdeen, S. D., Daily News, 1911-4; Bismarck, N. D., Tribune, 1914-5; dir. publications, N. Normal and Ind. Sch., Aberdeen, 1915-20; agrl. ed. and prof. journalism, S. D. State Coll., 1920-4; ed. S. D. Rural Press, 1920-4; present position, 1924-. Sec. Amer. Assoc. Agrl. Coll. Editors, 1923-4; asst. fed. food administrator, S. D., 1917-8. Served in U. S. Army, 1918. (Rural journalism). —*b.* Omaha, Neb., Sept. 20, 1892; *s.* Frederick A. and Elizabeth (Moser) K.; reared in city; *m.* Portia Perry, Jan. 5, 1916; *c* Portia Elizabeth, Barbara Anne. Student Bellevue Coll., Neb.

Kiesselbach, Theodore Alexander, prof. agron., Univ. Neb., Lincoln, Neb.

Expl. asst. agron., Univ. Neb., June-Dec., 1908; instr., 1908-12; asst. prof., Jan.-Apr., 1912; assoc. prof., 1912-3; prof., 1913-. —*b.* Polk Co., Neb., Mar. 14, 1884; *s.* Alexander and Caroline (Bayrhoffer) K.; reared on farm; *m.* Hazel Hortense Hyde, June 30, 1909; *c.* Theodore John, Max Rudolph, Katherine, Helen. A.B., Univ. Neb., 1907; B.Sc., 1908; A.M., 1912; Ph.D., 1919. Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

Kildee, Henry Herbert, head dept. an. ind. and vice-dean, Div. Agr., Ia. State Coll., Ames, Ia.

Instr. an. husb., Ia. State Coll., 1909; experimentalist, 1909-10; assoc. prof., 1910-5; prof., 1915-6; chief dairy husb. div., Univ. Minn., 1916-8; head dept. an. ind., Ia. State Coll., 1918-; vice-dean, Div. Agr., 1923-. Mem. editorial staff, Dairy Science. Dir. Nat. Dairy Assoc.; mem. true type com., Holstein-Friesian Assoc.; mem. true type com., Amer. Guernsey Cattle Club. —*b.* Osage, Ia., Mar. 1, 1884; *s.* M. and Lucy A. (Stone) K.; reared on farm; *m.* Ruth E. Sweney, Feb. 16, 1910; *c.* Regina, Kathleen. B.S.A., Ia. State Coll., 1908; M.S.A., 1917. Alpha Zeta; Delta Upsilon; Phi Kappa Phi; Gamma Sigma Delta; Acacia.

Kile, Orville Merton, agrl. econ., 202 Albee Bldg., Washington, D. C.

Lect. agrl. ext., Ohio State Univ., 1912-3; agrl. ed., W. Va. Univ., 1913-6; eastern editorial manag., Soil Improvement Com., Nat. Fertilizer Assoc., 1916-9; asst. Washington rep. Amer. Farm Bur. Fed., 1920-1. Active in organization of Farm Bloc in Congress. *Auth.*: The Farm Bureau Movement, 1921. —*b.* New Vienna, O., Feb. 17, 1886; *s.* Morris and Morrie (Zinn) K.; reared on farm and in city. B.S., Ohio State Univ., 1912.

Kilgore, Benjamin Wesley, former dean Sch. of Agr., dir. Exp. Sta., N. C. State Coll. and N. C. Dept. Agr., Raleigh, N. C.

Asst. prof. chem., Miss. A. & M. Coll., 1888-9; asst. chem., N. C. Exp. Sta., 1889-97; prof. chem., Miss. A. & M. Coll. and state chem., 1897-9; state chem., N. C., 1899-1919; dir. N. C. Exp. Sta., 1901-7, 1912-25; dir. ext. serv., 1914-24. Pres. Assoc. Official Agrl. Chem., 1899-1900. (Chem., agron.). —*b.* Lafayette Co., Miss., Mar. 27, 1867; *s.* Benj. Moon and Susan (Bruce) K.; reared on farm; *m.* Elizabeth Carrington Dinwiddie, Aug. 10, 1898; *c.* Elizabeth Carrington, Benj. Wesley, Jas. Dinwiddie. B.S., Miss. A. & M. Coll., 1888; M.S., 1891. Sigma Alpha Epsilon; Alpha Zeta.

Kilpatrick, Elmer James, asst. state leader co. agts., Univ. Ky., Lexington, Ky.

Agrl. agt. McCracken Co., Ky., 1914-5, 1918-20; farmer, LaCenter, 1916-7; present position, 1921-. —*b.* Belmont, Wis., Sept. 16, 1891; *s.* Thos. J. and Aggie (Stockdale) K.; reared on farm; *m.* Ethel Benedict, Dec. 8, 1914; *c.* Morgan Jas., Gladys, Barbara. B.S.A., Univ. Wis., 1914.

Kimball, Andrew, agrl. agt., U. S. Railroad Adminis., Ariz. Eastern Ry. Co., Thatcher, Ariz.; deceased. See Rus 1920.

Kimber, George Card, dir. dept. voc. agr., Union High-Sch., Hughson, Calif.

Owner and manag. Ampney Fields, Le Grand, Calif. Traveled in Europe. (Plant physiol., rural sociol.). —*b.* Brooklyn, N. Y., July 4, 1898; *s.* Arthur Clifford and Clara (Evans) K.; reared in city and on farm. B.A., Stanford Univ., 1920; grad. student Univ. Brussels, 1920-1. Phi Beta Kappa.

Kimble, John Haines, farmer and dairyman, Port Deposit, Md.

Clerk for grain dealer, 1878-82; teller Cecil Nat. Bank, Port Deposit, 1882-1900; dir., 1902-. Sec. Jacob Tome Inst., 1900-15; treas., 1915-. Mem. Md. House of Delegates, 1900; mem. bd. dir., Md. Penitentiary, 1908-16; manag. Mutual Fire Insurance Co., of Cecil Co.; asst. sec. Farmers Nat. Congress. 1905-11; sec., 1911-3; legislative agt., 1914-; pres., 1918-9; mem. exec. com. Nat. Bd. of Farm Organizations. —*b.* Nottingham, Pa., Oct. 26, 1860; *s.* Anson Bennett and Mary Hannah (Kirk) K.; reared on farm; *m.* Mary Jane Tome, Jan. 31, 1883; *c.* Chester Tome, Annie May. Student Eastman Business Coll., Poughkeepsie, N. Y.

Kime, Charles D., co. agrl. agt., Orlando, Fla.

Farmer and citrus grower, 1912-7; agt. Brevard Co., Fla., 1917-9; Orange Co., 1919-. (Citrus fruits). —*b* Petersburg, Ind., Jan. 13, 1890; *s.* R R. and Hope (Davidson) K.; reared in city;

m. Mabel Clare Van Hooser, Mar. 5, 1914; *c.* Chas. D. Jr., Robt. C. B.S., Univ. Fla., 1912. Alpha Tau Omega.

Kincaid, Samuel Carothers, farm manager, Blawnox, Pa.

General farmer, Prince Wm. Co., Va., 6 yrs.; manager, Allegheny Co. Workhouse farm, Blawnox, Pa., 1919-. —*b.* Pittsburg, Pa., Apr. 20, 1891; *s.* Albert E. and Ellen Emma (Carothers) K.; reared in city; *m.* Anna Margaret Barron, Sept. 30, 1915 (d. 1919); 2d Mary Lockhart Bert, Dec. 27, 1923; *c.* Margaret Johnston. B.S., Penn. State Coll., 1913. Phi Kappa Sigma; Delta Theta Sigma.

King, Asa Carlton, prof. farm practice, Cornell Univ., Ithaca, N. Y.

Manager fruit farm, N. Y., 1899-1915; instr. ext. schs., winters, 1911-4; farmers insts., 1909-11. Vice-pres. N. Y. State Fruit-Growers Assoc., 4 yrs. —*b.* Trumansburg, N. Y., July 24, 1877; *s.* Tertillus H. and Harriet (Robinson) K.; reared on farm; *m.* Viola Doyle, Oct. 9, 1905; *c.* Dorothy, Edythe. B.S.A., Cornell Univ., 1899.

King, Ben H., co. agrl. agt., Grand Junction, Colo.

Lieut., U. S. Amy, 1917-9; served with A. E. F., 1 yr. —*b.* Joliet, Ill., Sept. 5, 1892; *s.* Ben. H. and Lavina (Hamill) K.; reared on farm. B.S., Colo. Agr. Coll., 1916. Sigma Chi.

King, Chalmers J., assoc. agron. and supt. Exp. Sta., Sacaton, Ariz.

Asst. to dir., S. C. Exp. Sta., 1913; asst. chem. and instr. soils, Clemson Agr. Coll., 1914-6; asst. in plant nutr., Bur. Plant Ind. 1916-9; present position, 1920-. —*b.* Lancaster, S. C. Oct. 26, 1893; *s.* John and Julia (Barton) K.; reared on farm and in town; *m.* Fern Ann Horn, Nov. 2, 1921; *c.* Anita Jane, Fern Elizabeth. B.S., Clemson Agr. Coll., 1913.

King, Franklin George, asst. chief in an. husb., Purdue Univ. Exp. Sta., La-Fayette, Ind.

Asst. an. husb., Univ. Mo., 1907-8; asst., Mo. State Bd. Agr., 1908-9; asst. prof. an. husb., Kans. State Agr. Coll., 1909-10; assoc. in an. husb., Purdue Univ. Exp. Sta., 1910-21; asst. chief, 1921-. Sec. Ind. Cattle Feeders Assoc.; sec. Ind. Livestock Breeders Assoc. Capt., U. S. Army 1917-9, served with A. E. F. —*b.* Sweet Springs, Mo., Dec. 18, 1884; *s.* Geo. W. and Mary (King) K.; reared on farm; *m.* Mary Rose, June 23, 1918. B.S.A., Univ. Mo., 1907. Alpha Zeta.

King, Harry Maxwell, prof. and head dept. an. husb., Univ. B. C., Vancouver, B. C.

Co. agrl. agt., Ont., 1913-4; asst. prof. an. husb., Ont. Agr. Coll., 1914-8; asst. prof. an. husb., Univ. B. C., 1918-20; assoc. prof., 1920-4; prof., 1924-. —*b.* Woodstock, Ont., Oct. 28, 1889; *s.* Jas. Henry and Mary Lavinia (Rowe) K.; reared on farm; *m.* Aletta I. Sippel, Sept. 1914; *c.* Robt. Henry, Jas. David. B.S.A., Ont. Agr. Coll., 1913; M.S., Ore. Agr. Coll., 1925.

King, John Kenneth, Dominion sheep rep. for Maritime Provinces, 347 St. George St., Moncton, N. B.

Distr. rep. Pontiac Co., Que., for Macdonald Coll., 1913-6. —*b.* Sussex, N. B., Aug. 29, 1889; *s.* John H. and Annie M. (Carter) K.; reared on farm; *m.* Pearl Heatherington, Aug. 12, 1914; *c.* Dorothy E. B.S.A., McGill Univ., 1913.

King, Joseph Lyonel, assoc. ent., Bur. Ent., U. S. Dept. Agr., Japanese Beetle Lab., Riverton, N. J.

Asst. ent., Ohio Exp. Sta., 1912-7; sci. asst., Bur. Plant Ind., Pa. Dept. Agr., 1917-20; special agt. in Japan, U. S. Dept. Agr., 1920-3; present position, 1923-. —*b.* Cleveland, O., Jan. 10, 1888; *s.* Wm. Alexander and Virginia (Ward) K.; reared in city. B.Sc., Ohio State Univ., 1914; M.Sc., Univ. Ill., 1916. Sigma Xi.

King, Louisa Yeomans, writer and flower-gardener, Alma, Mich.

Hon. pres. Womans Nat. Farm and Garden Assoc.; ex-vice-pres. The Garden Club of Amer.; Gold Medallist, Mass. Hort. Soc. and Garden Club of Amer. *Auth.*: The Well Considered

Garden, 1915; Pages From a Garden Note-Book, 1921; The Little Garden, 1921; Variety in the Little Garden, 1923; Chronicles of the Garden, 1925. —*b.* Washington, N. J., Oct. 17, 1863; *d.* Alfred and Elizabeth (Ramsay) Yeomans; reared in town; *m.* Francis King, 1890; *c.* Elizabeth, Henry W.

King, Rufus L., co. agrl. agt., Troy, Ala.

Farmer, 1911-3; asst. agr., Univ. Fla., 1913-4; teach. agr., Manatee Co. high-sch., 1914-6; agrl. agt. Geneva Co., Ala., 1917-22; Pike Co., 1922-. —*b.* Ala., Feb. 2, 1885; *s.* Wm. C. and Salome (Kirkland) K.; reared on farm; *m.* Elizabeth Tallant Thomas, May 1, 1918. B.S.A., Univ. Fla., 1911.

King, Sanford Walter, farm manag., Niagara-on-the-Lake, Ont.

In chg. field husb. dept., Agrl. Sch., Claresholm, Alta., 1922. (An. husb.). —*b.* Oxford Co., Ont., Nov. 7, 1886; *s.* Jas. H. and Lavinia (Rowe) K.; reared on farm; *m.* Mary A. MacCallum, Dec. 30, 1924. B.S.A., Ont. Agr. Coll., 1920.

Kinghorne, Joseph William, sec-treas., Nat. Poultry Inst., Washington, D. C.

Farmer, Howard Co., Md., 1911-2; dairy specialist, Md. Exp. Sta., 1912; first rep. of U. S. Dept. Agr. to organize junior poultry clubs, 1912-3; teach., Univ. Va., summers 1913-4; prof. poultry husb., Va. Poly. Inst., 1913-5; poultry husb., Bur. An. Ind., U. S. Dept. Agr., 1912-20; present position, 1920-. Asst. in chg. nat. poultry production campaign during World War. *Auth.*: (with Lamon) Practical Poultry Production, 1920; A Practical Course in Commercial Poultry Farming; Judging Poultry. —*b.* Cumberland, Md., Apr. 16, 1890; *s.* Wm. and Margaret (Farber) K.; reared on farm and in city; *m.* Edna May Sibley Hutson, June 25, 1913. B.S.A., Md. Agr. Coll., 1911.

Kinkel, Roeder J., lands. arch. for City of Buffalo, 400 Virginia St., Buffalo, N. Y.

Served in Engin. Corps, U. S. Army, 1918. —*b.* Omaha, Neb., Mar. 24, 1893; *s.* Gustavus and Margaret (Roeder) K.; reared in city; *m.* Gertrude Stetter, Feb. 25, 1923. B.S., Ohio State Univ., 1916. Alpha Sigma Phi.

Kinnaird, Roy A., co. agrl. agt., Maryville, Mo.

Instr. agr., N. W. Mo. Teach. Coll., 1914-6; ext. specialist soils, Univ. Mo., 1916-8; present position, 1920-. —*b.* Carrollton, Mo., Oct. 21, 1888; *s.* A. J. and Annie E. (Quisenberry) K.; reared on farm; *m.* Neva Fisher, Oct. 10, 1917. B.S.A., Univ. Mo., 1913; A.M., 1914. Sigma Xi; Alpha Zeta.

Kinne, Birge Warner, advertising manag. American Agriculturist, 461 Fourth Ave., New York, N. Y.

2d Lieut. A. E. F.; 1st Lieut. O. R. C. —*b.* Ovid, N. Y., Jan. 6, 1894; *s.* Cyrus E. and Julia (Birge) K.; reared on farm; *m.* Margaret Covell, Oct. 23, 1923; *c.* Birge W. Jr. B.S., Cornell Univ., 1916. Alpha Gamma Rho.

Kinne, Norma Doris, home dem. agt., E. Greenwich, R. I.

Instr. sci. and English, Warwick high-sch., 1922-3; present position, 1923-. —*b.* Centerville, R. I., Jan. 20, 1900; *d.* Arthur B. and Norma (Ellard) K.; reared on farm. B.S., R. I. State Coll., 1922. Chi Omega; Phi Kappa Phi.

Kinney, Edmund J., prof. farm crops and agron. Exp. Sta., Univ. Ky., Lexington, Ky.

Asst. ent. and bot., Ky. Exp. Sta., 1908-11; asst. prof. agron., and asst. agron. Exp. Sta., Univ. Ky., 1911-6; assoc. prof., 1916-9; present title, 1919-. Contr. to Book of Rural Life; contr. ed. Southern Agriculturist. —*b.* Yellow Springs, O., Dec. 26, 1879; *s.* Mathias and Sara Ellen (Applegate) K.; reared on farm; *m.* Kathryn Petrey, 1908; *c.* Frances Ware, Sara Kathryn. B.S.A., Ohio State Univ., 1908. Alpha Gamma Rho.

Kinney, Lorenzo Foster Jr., state club leader, R. I. State Coll., Kingston, R. I.

Worked in nursery, 1915-6, 1918-20; asst. state club leader, R. I. State Coll., 1917-8; state club leader, 1920-.

—*b.* Kingston, R. I., Dec. 11, 1893; *s.* Lorenzo F. and Helen May (Wells) K.; reared in village and on farm. B.S., R. I. State Coll., 1914; M.S., Univ. Wis., 1915. Theta Chi; Phi Kappa Phi.

Kinnison, Allen Fisher, prof. hort. and asst. hort. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Instr. agr. and princ. high-sch., Fruitland, Ida., 1916-7; manag. fruit ranch, Ore., 1917-8; present position, 1918-. —*b.* Hopkins, Mo., Jan. 10, 1893; *s.* Harvy B. and Lola (Fisher) K.; reared on farm; *m.* Gail White, Dec. 26, 1916. B.S.A., Univ. Ida., 1916. Sigma Nu.

Kinsman, Claude Dennison, sr. agrl. engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Instr. farm mech., Purdue Univ., 1912-6; ext. rural engin., 1916-8; ext. agrl. engin., Univ. Neb., 1918-9; farm manag., 1919-22; ext. agrl. engin., Univ. Neb., 1922-3; present position, 1923-. —*b.* Polk Co., Neb., Mar. 9, 1889: *s.* Jas. W. and Elizabeth (Silkett) K.; reared on farm; *m.* Margaret E. Gamble, Sept. 3, 1915; *c.* Elizabeth A., Margaret, Jas. G. B.S., Univ. Neb., 1912; M.S.A., Purdue Univ., 1916. Sigma Tau; Gamma Sigma Delta.

Kirby, Samuel Jones, ext. agron., N. C. State Coll., Raleigh, N. C.

Res. fellow agron., Univ. Mo., 1912-3; teach. agr. and sci., N. C. high-schs., 1913-8; plant-breeding ext., N. C. State Coll., 1918-20; agrl. agt. Johnston Co., 1920-2; asst. state agt. in chg. boys club work, 1922-4; present position, 1924-. —*b.* Selma, N. C., July 8, 1887; *s.* Chas. F. and Dinah (Pittman) K.; reared on farm; *m.* Elizabeth May Hobbs, May 6, 1915; *c.* S. J. Jr., Mary Elizabeth, Chas. Franklin II. B.S.A., N. C. State Coll., 1912. Alpha Zeta.

Kirby, William Livingston, co. agrl. agt., Chamber of Commerce, Richmond, Va.

Teach., Caroline Co. high-sch., Md., 1911-3. —*b.* Smyrna, Del., Jan. 2, 1886; *s.* Thos. and Bessie (Bradley) K.; reared on farm; *m.* Mary J. Cowherd, Dec. 23, 1916; *c.* Hilda Elizabeth. B.S.A., Del. Coll., 1911.

Kirchner, Charlotte, home dem. agt., Fort Dodge, Ia.

Home dem. agt., Muscatine, Ia., 1922-3; Ft. Dodge, 1923-. —*b.* Peterson, Ia., Feb. 22, 1898; *d.* Wm. and Clara (Atkinson) K.; reared on farm. B.S., Ia. State Coll., 1921.

Kirk, Lawrence Eldred, prof. field husb., Univ. Sask., Saskatoon, Sask.

With Dept. Agr., Regina, Sask., 1912-6; instr. field husb., Moose Jaw Collegiate Inst., 1918-9; teach. sci. and agr., 1919-20; asst. prof. field husb., Univ. Sask., 1920-2; prof., 1922-. —*b.* Bracebridge, Ont., May 27, 1886; *s.* David and Elizabeth (Speer) K.; reared on farm; *m.* Flora Strachan, July 20, 1910; *c.* David Lawrence. B.A., Univ. Sask., 1916; B.S.A., 1917; M.S.A., 1922.

Kirk, Paul Huston, agrl. statistician, Div. Crop and Livestock Estimates, U. S. Dept. Agr., Old Capitol Bldg, St. Paul, Minn.

Farmer, 5 yrs.; ed. newspaper, 7 yrs.; present position, 1909-. —*b.* Garnett, Kans., Oct. 5, 1875; *s.* Lester King and Mattie (Lindsay) K.; reared in town and on farm; *m.* Frances Meyers, July 19, 1897; *c.* Lester King, Ruth Lindsay, Noel Frances.

Kirkendall, John Swartout Jr., teach. voc. agr., high-sch., Newark Valley, N. Y.

Teach. voc. agr., Ballston Lake High-Sch., Burnt Hills, N. Y., 1921-3; present position, 1924-. Served in U. S. Army, 1917-8. —*b.* Danby, N. Y., Feb. 20, 1898; *s.* Samuel L. and Ida Belle (Davis) K.; reared on farm; *m.* Ina C. Miller, July 5, 1922; *c.* Avis Arlene. B.S., Cornell Univ., 1921.

Kirkham, James Mercer, ed. and pub. Utah Farmer, Lehi, Utah.

Pres. State Newspaper Assoc.; sec. State Development League. Field rep., Food Adminis. —*b.* Lehi, Utah, Nov. 18, 1872; *s.* Jas. and Martha (Mercer) K.; reared in small town; *m.* Kate Woodhouse, June 14, 1893; *c.* J. Arno, Zelda Kate, Martha, Alice, Emma, Elbert C., Alden J., Earl Kay, Bessie J., ElMoen.

Kirkpatrick, Clifton, farmer, Selma, Ala.

Cotton farmer and live-stock breeder, 1885-1915; pecan grower, 1915-. Mem. State Bd. Agr.; pres. State Hort. Bd.; pres. Ala. Pecan Growers Assoc. Inc.; 1st vice-pres. Nat. Pecan Growers Exchange; 2 vice-pres. Nat. Pecan Growers Assoc.; dir. Nat. Poland-China Record Assoc., 10 yrs. —*b.* Dallas Co., Ala., Apr. 29, 1863; *s.* Samuel M. and Sarah C. (West) K.; reared on farm; *m.* Minerva E. Graham, Oct. 23, 1895; *c.* Alma, Mabel, Graham, Samuel, Clifton Jr.

Kirkpatrick, Elbert Wiley, farmer, McKinney, Tex.

Pres. Tex. Ind. Congress. Major-Gen. U. C. V. Assoc. of Tex. —*b.* Jefferson Co., Tenn., Oct. 12, 1844; *s.* Jacob M. and Sarah Jane (Campbell) K.; reared on farm; *m.* Emily T. Clive, Nov. 5, 1874; *c.* Ray H., Lee Roy, Alice, Sara.

Kirkpatrick, Ellis Lore, assoc. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Rural sch. teach., Ia., 4 yrs.; princ. high-sch., 1 yr.; asst. prof. veg. gard., Cornell Univ., 1915-8; assoc. prof. hort., Colo. Agr. Coll., 1918-9; present position, 1922-. Chm. com. to invest. dehydration of vegetables, N. Y. State Veg. Growers' Assoc., 1918. *Asst. ed.,* Farmers' Cyclopedia, Nov. 1917-Jan. 1918. —*b.* S. English, Ia., Aug. 21, 1884; *s.* Martin V. and Fannie Virginia (Beery) K.; reared on farm; *m.* Grace Mae Martfeld, Aug. 26, 1915. B.S.A., Ia. State Coll., 1914; M.S., Univ. Kans., 1920; Ph.D., Cornell Univ., 1922. Alpha Zeta; Phi Kappa Phi.

Kirpatrick, Kemper Austin, co. agrl. agt., Room 12, Court House, Minneapolis, Minn.

Instr. hort., Wash. State Coll., 1909-10; ext. hort. specialist, Univ. Minn., 1910-3; agt. Muscatine Co., Ia., 1913-4; agt. Hennepin Co., Minn., 1914-7, 1920-; asst. state co. agt. leader, Univ. Minn., 1917-20. Dir. Twin City Milk Producers Assoc.; vice-pres. Nat. Co. Agts. Assoc., 1923-4. —*b.* S. English, Ia., Aug. 8, 1878; *s.* Martin Valentine and Frances Virginia (Beery) K.; reared on farm; *m.* Clara Anita Estabrook, June 25, 1913; *c.* Elizabeth Anita, Kemper Estabrook. B.S.A., Ia. State Coll., 1909. Delta Tau Delta; Delta Theta Sigma.

Kirkpatrick, Martin Glenwood, assoc. ed. The Farm Journal, 232 S. 7th St., Philadelphia, Pa.

Rural sch. teach., 4 yrs. Farm ed., Des Moines Register, 1917. —*b.* S. English, Ia., Dec. 18, 1889; *s.* Martin and Frances (Beery) K.; reared on farm; *m.* Eloise A. Dalrymple, Aug. 14, 1919; *c.* Virginia Lois, Barbara Jean. B.Sc., Ia. State Coll., 1917. Gamma Sigma Delta; Sigma Delta Chi.

Kirkpatrick, William F., prof. poultry husb., Conn. Agr. Coll., Storrs, Conn.

Asst. poultry husb., R. I. Exp. Sta., 1905-9; instr., Miss. A. & M. Coll., 1910-2; present position, 1913-. —*b.* Mecklenburg Co., N. C., Apr. 9, 1880; *s.* John Moore and Gussie (Burns) K.; reared on farm; *m.* Grace E. Hovey, Oct. 30, 1909; *c.* Henry H., Ruth H. B.E., N. C. A. & M. Coll., 1904; B.Agr., 1905. Kappa Alpha.

Kirkwood, William Paul, ed. and prof. journalism, Univ. Minn., University Farm, St. Paul, Minn.

Prof. math., Macalester Coll., St. Paul, 1892-3; business position, 1893-7; with Minneapolis Journal, 1897-1907; special newspaper and magazine writer, 1907-13; country life ed., Minneapolis Journal, 1913-4; present position, 1914-. Educ. dir. in Minn. for U. S. Food Adminis., 1918. —*b.* Cross Creek, O., Jan. 9, 1867; *s.* Wm. R. and Rebecca (Gray) K.; reared in town; *m.* Virginia Rose, Sept. 14, 1892 (d. 1901); 2d, Edith Brown Kirkwood, Jan. 21, 1915; *c.* Samuel Brown. B.A., Macalester Coll., 1890; M.A., Univ. Mo., 1922. Beta Theta Pi; Sigma Delta Chi; Alpha Gamma Rho.

Kiser, Orville M., asst. prof. an. husb., N. W. Sch. Agr., Univ. Minn., Crookston, Minn.

Instr. agr., high-schs., Minn., 1909-17; co. agrl. agt., 1917-9; manag. dairy

farm, Wis., 1919-21; present position, 1921-. —*b.* Andale, Kans., Jan. 6, 1884; *s.* Wilbur E. and Mary (Boggs) K.; reared on farm; *m.* Ruby Rebecca Hall, June 27, 1912; *c.* Joy Susan, Loren Hall, Elizabeth Ann. B.S.A., Kans. State Agr. Coll., 1908.

Kitchen, Joseph Ambrose, state comnr. agr. and labor, Bismarck, N. D.

Dir. physical cult. and Y. M. C. A. athletics, Valparaiso Coll., Ind., 1900-4; supt. schs., Sentinel Butte, N. D., 1904-9; owner Dart Farms and Ranch, 1906-. Mem. N. D. House of Rep., 1921; present position, 1921-; chm. N. D. Workmen's Compensation Bur.; mem. N. D. State Bd. Adminis.; mem. N. D. State Ind. Comn. Served in Spanish-Amer. War and in World War; Capt. N. D. State Home Guards, 1918. —*b.* Wyanet, Ill., Dec. 5, 1878; *s.* Joseph L. and Mary A. (Mosher) K.; reared in town; *m.* Pearl S. Smith, Aug. 25, 1904; *c.* Merrell, Floy, Earl, Leland, Lloyd Joseph. B.Sc., Valparaiso Coll., 1902; LL.B., N. Ind. Law Sch., 1903; M.A., Valparaiso Univ., 1913.

Kittell, Albert George, assoc. ed. Capper's Weekly, Topeka, Kans.

City ed., Manhattan, Kans., Nationalist, 1908-9; assoc. ed. Farmers' Mail and Breeze, 1909-14; ed. Nebraska Farm Journal, 1914-24; present position, 1924-. Farmer in Kans. and Md. —*b.* Blossom, N. Y., Apr. 2, 1881; *s.* Henry and Mary (Wolf) K.; reared on farm; *m.* Marie Fenton, June 21, 1911; *c.* Marjorie, Doris. B.S., Kans. State Agr. Coll., 1909.

Kjosness, Albert Weidel Buch, co. agt. leader, Univ. Ida., Boise, Ida.

Instr. agr., high-sch., Prescott, Wash., 1913-6; agrl. agt. Power Co., Ida., 1916-8; asst. co. agt. leader, Univ. Ida., 1918-21; leader, 1921-. —*b.* Madison, Minn., Oct. 10, 1889; *s.* Gunder P. and Nikoline Fredrikke (Buch) K.; reared on farm and in city; *m.* Madge Elma Whisler, Nov. 29, 1916; *c.* Valborg Elizabeth. B.A., Spokane Coll., 1910; B.S., Univ. Ida., 1913.

Klamt, Robert Herman, co. agrl. agt., Yuba City, Calif.

In Air Serv., A. E. F., 1917-8. —*b.* Pohlitz-Greiz, Germany, Mar. 30, 1893 (naturalized 1907); *s.* Robt. and Ernestine (Georgi) K.; reared on farm and in city; *m.* Agnes Evelyn Kreutzer, Oct. 24, 1920. B.S., Univ. Ill., 1916; M.S.A., Cornell Univ., 1924. Alpha Chi Rho.

Kleinheinz, Frank, asst. prof. in chg. sheep dept., Univ. Wis., Madison, Wis.

With Univ. Wis., 1890-. Treas. Wis. Sheep Breeders Assoc., 9 yrs., pres., 1922-. Traveled through Europe studying sheep husb. *Auth.:* Sheep Management, 1911; Sheep Management, Breeds and Judging, 1916, 5th ed., 1920. —*b.* Bavaria, Germany, Sept. 13, 1855 (naturalized 1888); *s.* Frank and Margaret (Kleinheinz) K.; reared on farm; *m.* Kunigunda Kleinheinz, Nov. 24, 1885; *c.* Caroline, Monica, Adelaide, Milly, Frances, Theresa, Frank Jr.

Kleinschmidt, Leland Samuel, general manag. St. Joseph Milk Producers Assoc., 2014 Fredrick Ave., St. Joseph, Mo.

Instr. poultry husb., Penn. State Coll., 2 yrs.; asst. prof. and head div., 2 yrs.; agrl. agt. Andrew Co. Mo., 3 yrs. (Poultry). —*b.* Higginsville. Mo., Dec. 20, 1891; *s.* Samuel J. and Elizabeth (Riske) K.; reared in town and on farm; *m.* Margaret Edna Long, June 16, 1916. B.S.A., Univ. Mo., 1915; M.S., Penn. State Coll., 1917. Gamma Sigma Delta.

Klemmedson, Gunnar S., assoc. agrl. econ., U. S. Dept. Agr., Colo. Agr. Coll., Ft. Collins, Colo.

Sci. asst. farm manag., Univ. Ill., 1918-9; with U. S. Bur. Agrl. Econ., 1919-. (Live-stock econ.). —*b.* Colorado Springs, Colo., May 6, 1893; *s.* Magnus and Mathilda (Danielson) K.; reared in city and on ranch; *m.* Katie-Ruth Otto, Oct. 25, 1922. B.S., Univ. Ill., 1918; M.S., Colo. Agr. Coll., 1925.

Kline, James, co. agrl. agt., Lagrange, Ind.

Farmer, Lagrange Co., Ind., to 1918; agrl. agt. Lawrence Co., 1918-21; Lagrange Co., 1922-. Pres. Ind. Corn

Growers Assoc., 1914; pres. Lagrange Co. Farmers Inst., 1915-6; in chg. Ind. exhibit, Panama-Pacific Expos., 1915. —*b.* Lagrange Co., Ind., May 2, 1865; *s.* Jas. and Calista (Shoup) K.; reared on farm; *m.* Kate E. Keefus, May 19, 1885; *c.* Leta, Bessie, Jas. C., Florence, Eva, Dewey, Mildred.

Kline, James C., co. agrl. agt., Belvidere, Ill.

Teach. agr. high-sch., Detroit, Minn., 1915-6; agrl. agt. Stoddard Co., Mo., 1916-20; Boone Co., Ill., 1920-. —*b.* Howe, Ind., Sept. 4, 1890; *s.* Jas. and Elizabeth K.; reared on farm; *m.* Ella Erickson, Mar. 30, 1917; *c.* Jas. Russell. B.S.A., Purdue Univ.

Klinka, John Simandl, co. agrl. agt., Whitehall, Wis.

Dir. agr., high-sch., Little Falls, Minn., 1913-4; agrl. agt. Polk Co., Wis., 1914-24; Trempealeau Co., 1924-. Organizer of five farmers clubs in Minn., and coop. associations in Wis. —*b.* W. Bend, Wis., May 6, 1882; *s.* Frank and Mary (Simandl) K.; reared on farm; *m.* June 3, 1919; *c.* Mary Mae, John. B.S., Univ. Wis., 1913.

Knandel, Herman Clyde, prof. poultry husb., Penn. State Coll., State College, Pa.

Instr., Bristol Co. Agr. Sch., Segreganset, Mass., 1914-6; instr., Penn. State Coll., 1916-8; asst. prof., 1918-20; prof., 1920-. Dir. Amer. and Intern. Assoc. Instrs. and Invests. in Poultry Husb.; del. to 2d World's Poultry Congress, Barcelona, Spain, 1924. Poultry ed. Gazette Times, Pittsburg, Pa., Nat. Stockman and Farmer. —*b.* Ilion, N. Y., May 18, 1891; *s.* Herman C. and Ida (Kling) K.; reared in town; *m.* Georgia V. Haller, July 7, 1915; *c.* Jean Frances. B.S., Cornell Univ., 1914. Alpha Gamma Rho; Alpha Zeta; Gamma Sigma Delta.

Knapp, Bradford, pres. Okla. A. & M. Coll., Stillwater, Okla.

Chief Off. of Ext. Work in South, States Relations Serv., U. S. Dept. Agr., 1911-20; dean and dir. Coll. Agr. and Exp. Sta., Univ. Ark., 1920-3; present position, 1923-. Investigational trip to Europe, 1913, for U. S. Dept. Agr., studying rural organization and credit. Special attention to rural econ., organization, farm dem. work, co. agts., home dem. work, boys' and girls' clubs, ext., etc. Continued work of his father in co. agt., and home dem. work for women and girls, and instituted direct cooperation between U. S. Dept. Agr. and state colleges of agr., covering all extension work. —*b.* Vinton, Ia., Dec. 24, 1870; *s.* Seaman A. and Maria E. (Hotchkiss) K.; reared on farm; *m.* Stella White Davis, July 20, 1904; *c.* Bradford Jr., Marian C., DeWitt L., Roger Seaman, Virginia Estella. B.S., Vanderbilt Univ., 1892; LL.B., Univ. Mich., 1896; D.Agr., Md. State Coll., 1918. Kappa Alpha.

Knapp, George Selick, state irrig. comnr., Topeka, Kans.

b. Sauk Co., Wis., Sept. 23, 1884; *s.* H. G. and Mary (Mayer) K.; reared on farm; *m.* Gretchen C. Meisgeier, Feb. 15, 1915; *c.* Olga, Lyle. B.S. in M.E., Kans. State Agr. Coll., 1914; A.E., 1922.

Knapp, Halsey B., dir. State Inst. Applied Agr., Farmingdale, N. Y.

Instr. pom., Cornell Univ., 1913-4; asst. prof., 1915-6; dir. N. Y. State Sch. Agr., Cobleskill, 1916-23; present position, 1923-. —*b.* Port Byron, N. Y., Sept. 1, 1888; *s.* Halsey and Anna (Bowles) K.; reared on farm; *m.* S. Gertrude Newkirk, Apr. 5, 1913; *c.* Merrill, Dorothy, Laura Janet. B.S., Cornell Univ., 1912; M.S., 1913. Alpha Zeta; Gamma Alpha.

Knapp, J. Oliver, distr. agrl. agt., Hinton, W. Va.

Asst. dairy dept., W. Va. Univ., 1914-5; princ. Richwood high-sch., W. Va., 1916-7; agrl. agt. Doddridge Co., W. Va., 1919-20; Summers Co., 1920-3; agt. S. Distr. of W. Va., 1923-. 2d Lieut., U. S. Army, 1918. —*b.* Greenbrier Co., W. Va., Dec. 19, 1892; *s.* W. F. and Virginia (Dunbar) K.; reared in country town; *m.* Mary Meadows, Oct. 26, 1920; *c.* Mary Nan, J. O. Jr. B.S.A., W. Va. Univ., 1916. Phi Sigma Kappa.

Kneeland, Hildegarde, chief div. econ., Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Asst. physics, Vassar Coll., 1911-2; instr. home econ., Univ. Mo., 1914-7; lect. sociol. and statistics, Barnard Coll., 1918-9; prof. household econ., Kans. State Agr. Coll., 1919-22; present position, 1924-. —*b.* Brooklyn, N. Y., July 10, 1889; *d.* Lawrence and Louise (Wenzel) K.; reared in city. A.B., Vassar Coll., 1911; grad. student Columbia Univ., Univ. Chicago.

Knight, Charles Strongman, dir. ind. dept., Calif. Development Assoc., San Francisco, Calif.

Asst. feed and fert. insp., Univ. Wis., July-Dec. 1907; asst. agron., Kans. State Coll., 1908-9; instr. agron., Univ. Nev., 1909-10; asst. prof., 1910-2; chief agrst., Nev. Sugar Co., 1912-3; prof. agron., Univ. Nev., 1913-20; dean Coll. Agr., 1914-20; dir. agrl. ext., 1914-5; pres. Reno Chamber of Commerce, 1918-23; manag. dir. 1920-3; present position, 1923-. Jury awards, agr., Panama-Pacific Expos., 1915; chm. State Com. Food Production and Conservation, 1917; fed. state dir. Pub. Serv. Res., U. S. Dept. Lab., 1918; mem. State Council of Defense, 1918. —*b.* Wis., July 11, 1884; *s.* John and Millie E. (Coad) K.; reared on farm; *m.* Virginia C. Kemler; *c.* three. B.S.A., Univ. Wis., 1907. Sigma Nu.

Knight, Eliza Braswell, home dem. agt., Edenton, N. C.

Teach. dom. sci., high-sch., Greenfield, Ind., 1918-21; Rocky Mount, N. C., 1921-2; present position, 1922-. —*b.* Tarboro, N. C., Aug. 23, 1897; *d.* Louis and Fannie (Braswell) K.; reared on farm. Grad. Thomas Normal, Detroit, Mich. and St. Mary's Sch., Raleigh, N. C.

Knight, E. R., teach. agr. and supt. high-sch., Leedey, Okla.

Teach. voc. agr., high-sch., Ninnekah, Okla., 1919-21; Jefferson, 1921-2; Leedey, 1922-. 2d Lieut. U. S. Army, World War. —*b.* Brunswick, Mo.; *s.* Edwin and Delia (Riley) K.; reared on farm and in town. B.S., Okla. A. & M. Coll., 1919. Alpha Zeta.

Knight, Harry Hazelton, asst. prof. ent., Ia. State Coll., Ames, Ia.

Instr. ent., Cornell Univ., 1914-7; asst. prof. ent., Univ. Minn., 1919-24; present position, 1924-. Ent. and expert for Genesee Co., N. Y., Fruit Growers Assoc., 1913-6. 2d Lieut. Air Serv., U. S. Army, 1917-9, served with A. E. F. —*b.* Oregon Co., Mo., May 13, 1889; *s.* Wells G. and Emma E. (Lamb) K.; reared on farm and in town; *m.* Jessie Mae Kite, Aug. 4, 1919. B.S., Cornell Univ., 1914; Ph.D., 1920. Alpha Gamma Rho; Gamma Alpha.

Knight, Henry Granger, dir. W. Va. Agr. Exp. Sta., Morgantown, W. Va.

Instr. chem., Univ. Wash., 1901-2; asst. prof., 1903-4; prof. chem., Univ. Wyo., 1904-10; state chem., Wyo., 1904-11; dir. Exp. Sta. and prof. agrl. chem., 1910-8; dean Coll. Agr., 1912-8; dean Coll. Agr. and dir. Exp. Sta., Okla. A. & M. Coll., 1918-21; hon. fellow, Cornell Univ., 1921-2; present position, 1922-. Chm. State Council Defense, Wyo., 1917-8. *Auth.*: Notes on Qualitative Analysis; 1906. Ed., Wyo. Farm Bull. until 1915. (Soils, chem.). —*b.* Bennington, Kans., July 21, 1878; *s.* Edwin Richard and Elva Maud (Edwards) K.; reared on farm; *m.* Nellie Elizabeth Dryden, June 28, 1905; *c.* Richard Dryden. B.A., Univ. Wash., 1902; M.A., 1904; Ph.D., Univ. Ill., 1917. Sigma Xi; Phi Beta Kappa; Alpha Zeta; Phi Gamma Delta; Phi Lambda Upsilon; Phi Kappa Phi.

Knight, Howard Lawton, ed. Experiment Station Record, Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Instr. chem., Mass. Agr. Coll., 1902-3; instr. English, 1903-4; asst. chem., Wesleyan Univ., 1904-5; asst. nutr. invest., U. S. Dept. Agr., 1904-6; asst. ed. Experiment Station Record, 1906-18; assoc. ed., 1918-23; ed., 1923-. Treas. Amer. Home Econ. Assoc., 1911-2. —*b.* Gardner, Mass., Sept. 29, 1881; *s.* Willis E. and Lyra S. (Brigham) K.; reared on farm; *m.* Cora Isabelle Stickney, Aug. 29, 1906. B.S., Mass. Agr. Coll., 1902; Boston Univ., 1902. Alpha Sigma Phi; Phi Kappa Phi.

Knight, Louis M., co. agrl. agt., Cimarron, Kans.

b. Medicine Lodge, Kans., Jan. 15, 1901; *s.* F. E. and Rhoda K.; reared in town. B.S., Kans. State Agr. Coll., 1923. Alpha Zeta; Gamma Sigma Delta.

Knock, Frans Edwin, farmer, Buffalo Lake, Minn.

Teach. sci., high-sch., Cokato, Minn., 1912-3; agrl. dir. consolidated schs., Wheaton, 1915-8; agt. Swift Co., 1918-20. (Certified seeds). —*b.* Gowrie, Ia., Jan. 21, 1882; *s.* Carl G. and Anna Louisa (Lindquist) K.; reared on farm; *m.* Ruth Angelica Abrahamson, June 28, 1918. A.B., Gustavus Adolphus Coll., 1912; B.S. Agr., Univ. Minn., 1915.

Knollin, James Charles, advertising and publicity, specializing in agrl. work, feature writer, 411 N. Tuxedo Ave., Stockton, Calif.

Manag. stock farm, E. Kans., 2 yrs.; asst. manag. live-stock and ranch business, Ida., 2 yrs. Asst. ed., agrl. sect., Los Angeles Times; ed. Orchard and Farm, Los Angeles, 5½ yrs. —*b.* Kansas City, Mo., June 30, 1893; *s.* Albert Jason and Cora (Wells) K.; reared on farm and in city; *m.* Amy Elizabeth Axtell, June 30, 1915; *c.* Robt. Harper. Student Univ. Wis. Phi Kappa Sigma; Sigma Delta Chi.

Knowles, Neale Short, state leader home dem. agts., Ia. State Coll., Ames, Ia.

Teach. city schs., Milwaukee, Wis., 1893-1900; teach. agrl. high-sch., Ala., 1904-7; head home econ. ext., Ia. State Coll., 1907-. Pres. State Home Econ. Assoc.; chm. home econ., Parent-Teach. Assoc.; chm. adv. com., State Fed. of Women's Clubs. —*b.* River Falls, Wis., 1868; *d.* Chas. G. and Janett K.; reared on farm and in town. Grad. Milwaukee-Downer Coll., 1904. Phi Kappa Phi; Omicron Nu.

Knowles, William Franklin, specialist agrl. econ., Rutgers Univ., New Brunswick, N. J.

Accountant, E. I. du Pont de Nemour Powder Co., Wilmington, Del., 1912-3; publicity manag. in circulation dept. Curtis Pub. Co., Philadelphia, 1913-4 farmer and superv. princ. schs., Greenwood, Del., 1915-7; asst. state club leader, Rutgers Coll., 1918-20; asst. state co. agt. leader, 1920-2; asst. to dir. ext., 1922-3; present position, 1923-. —*b.* Greenwood, Del., Dec. 22, 1888; *s.* Joseph D. and Louisa (Webb) K.; reared on farm; *m.* Amanda Ruth Pollitt, Dec. 25, 1915; *c.* Wendell P., Ruth W., Wm. F. Jr., Margaret L. A.B., Harvard Univ., 1912. Sigma Phi Epsilon.

Knowlton, Harry Edward, assoc. prof. hort. and assoc. hort. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Asst., Bur. Plant Ind., U. S. Dept. Agr., 1912; Ill. nursery insp., 1912-4; asst and instr. bot., Cornell Univ., 1914-9; present position, 1919-. Served in Field Art., U. S. Army, 1917-9. Fellow A.A.A.S. —*b.* Fennville, Mich., May 1, 1890; *s.* Wm. and Marcia (Gage) K.; reared on farm; *m.* Marion Struss, Nov. 1919; *c.* Stuart Lee. B.S., Mich. State Coll., 1912; Ph.D., Cornell Univ., 1920. Sigma Xi.

Knowlton, Helen, asst. prof. home econ., Mass. Agr. Coll., Amherst, Mass.

Instr. Greek and Latin, Atlanta Univ., Ga., 1903-5; instr. English, sci., home econ., high-schs., Mass., 1905-12; instr. home econ., Cornell Univ., 1912-6; prof. home econ. and head dept., N. H. A. & M. Coll., 1916-8; Y. W. C. A. sec., 1919-23; present position, 1924-. Pres. N. H. State Home Econ. Assoc. —*b.* Farmington, Me., Oct. 9, 1879; *d.* David Hunter and Clara Armine (Hinckley) K.; reared in small town. A.B., Mount Holyoke Coll., 1903; M.A., Columbia Univ., 1924.

Knutsen, Martin Halvor, assoc. prof. and head div. bact., Penn. State Coll., State College, Pa.

Instr. bot., Wash. State Coll., 1916-7; instr. bact., Penn. State Coll., 1919-21; asst. prof., 1921-2; assoc. prof., 1922-. 2d Lieut. Sanitary Corps, U. S. Army, 1918-9; 1st Lieut. O.R.C. —*b.* Kimball, S. D., Nov. 21, 1887; *s.* Martin and Lettie (Thomas) K.; reared on farm; *m.* Bernice Blanch Rosseau, June 21, 1919; *c.* Martin H. Jr., Lettie Bernice. B.S., Univ. Wis., 1914; M.S., 1916.

Koch, Adele, asst. state home dem. leader, Ohio State Univ., Columbus, O.

Dir. physical training, State Normal Sch., Millersville, Pa., 1907-8; Ind. Inst. and Coll., Columbus, Miss., 1908-10; State Normal Sch., Peru, Neb., 1912-5; asst. in cooking, Cornell Univ., 1916-7; urban home dem. agt., N. Y. City, 1917-9; asst. state leader home dem. agts., Univ. Minn., 1919-22; asst. state home dem. leader, Mich. Agr. Coll., 1922-4; present position, 1924-. —*b.* W. Point, Neb., Oct. 6, 1884; *d.* Ferdinand and Katie (Kinzel) K.; reared in village. A.B., Univ. Neb., 1905; M.A., Columbia Univ., 1916.

Koenig, Paul Lindenmuth, fed. agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., Box 248, Harrisburg, Pa.

Asst. agrl. ext., Penn. State Coll., 1921-3; publicity dir., Penn. Dept. Agr., 1923-4; present position, 1924-. —*b.* Hazleton, Pa., July 25, 1897; *s.* Morris F. and Helen R. (Lindenmuth) K.; reared in town; *m.* Edna R. Lowe, Sept. 27, 1924. B.S., Penn. State Coll., 1921. Alpha Gamma Rho.

Koger, Marvin V., co. agrl. agt., Pennington Gap, Va.

b. Cariboo, Kans., Apr. 7, 1879; *s.* J. J. and Mary A. (Banner) K.; reared on farm; *m.* Ann Murphy, Apr. 24, 1923. Student Carson Newman Coll.

Kolb, Harold Glenn, teach. voc. agr., high-sch., Spencer, Ind.

Instr. voc. agr., high-sch., Mauckport, Ind., 1917-8; Spencer, 1919-. Served in U. S. Army, 1918-9. —*b.* W. LaFayette, Ind., June 16, 1895; *s.* John E. and Ruella (Henderson) K.; reared on farm; *m.* Elsie B. Stockton, Aug. 22, 1917; *c.* Harold G. Jr., Roger Stockton, Mary Patricia. B.S.A., Purdue Univ., 1917.

Kolb, John Harrison, assoc. prof. rural sociol., Univ. Wis., Madison, Wis.

Rural ext. work, Univ. Minn., 1913-7; present position, 1920-. With Army Y. M. C. A., 1917-9. —*b.* Berlin, Wis., Apr. 18, 1888; *s.* John C. and Ella (Foote) K.; reared on farm; *m.* Charlotte Hillestad, Aug. 1916; *c.* Paul Harrison, Jean Louise. B.S., Northwestern Coll., 1912; M.A., Univ. Chicago, 1912; Ph.D., Univ. Wis., 1921. Alpha Gamma Rho; Alpha Zeta; Alpha Kappa Delta.

Kolb, Roland A., co. agrl. agt., Medford, Wis.

b. Manitowoc, Wis., Oct. 12, 1884; *s.* Ernst and Emma (Steinhaus) K.; reared on farm; *m.* Elsa Clusen, June 4, 1912. B.S.A., Univ. Wis., 1909.

Konigsmark, Victor Lester, dir. agr., Union High-Sch., Manteca, Calif.

Instr. agr., high-schs., Minn. and Calif., 1919-. Ensign U. S. Naval Aviation Corps. —*b.* Cedar Rapids, Ia., Sept. 21, 1894; *s.* Edward and Emma (Vavra) K.; reared in city and on farm. B.S., Ia. State Coll., 1917. Tau Gamma Nu; Gamma Sigma Delta.

Koon, Ray M., state specialist in veg.-gard., Mass. Agr. Coll., and dir. Market Gard. Field Sta., Waltham, Mass.

Superv. war gardens, Erie, Pa., 1917; dir. voc. sch., Ariel, 1918-21; instr., hort., Univ. Del., 1921-3; present position, 1923-. —*b.* Greenville, Pa., Apr. 18, 1889; *s.* Aaron and Mary (Lytle) K.; reared on farm; *m.* Vivian Dexter, 1916; *c.* Betty Jean, Jack Dexter, Ray M. Jr. B.S., Penn. State Coll., 1914; M.S., Univ. Del., 1923. Theta Xi.

Korb, Paul P., co. agrl. agt., Wellsboro, Pa.

b. Troutville, Pa., Oct. 6, 1890; *s.* C. A. and Mary (Zilliox) K.; reared on farm; *m.* Ethel M. Coble; *c.* Thelma Myra, Owen Paul. B.S., Penn. State Coll., 1916.

Kraatz, Charles Henry, farmer, R. D. 2, Jackson, O.

Farmer, 4 yrs.; foreman fruit farm, 5 yrs.; asst. co. agt., N. Y., 1½ yrs.; formerly co. agrl. agt., Ironton, O. (Fruits and dairying). —*b.* Pembroke, N. Y., Sept. 17, 1879; *s.* Lewis J. and Ellen (Jesnow) K.; reared on farm; *m.* Elizabeth Parry, Oct. 19, 1905; *c.* Chas. Parry, Anna, Margaret, Elizabeth. B.S.A., Cornell Univ., 1901.

Kraege, Frederick Godfrey, co. agrl. agt., Palmyra, Mo.

(Dairying). —*b.* Winnebago Co., Wis., Mar. 26, 1863; *s.* Chas. L. and Ernestine K.; reared on farm; *m.* Laura A. Halsey, July 5, 1892; *c.* Halsey F., Carl A., Helen E., Myrtle A. B.L., Univ. Wis., 1889; M.L., 1895.

Kraft, J. Horace, prof. agrl. educ., Tex. A. & M. Coll., College Station, Tex.

Teach. rural schs., O., 2 yrs.; head biol. dept., high-sch., Alton, Ill., 3 yrs.; head biol. dept., Manual Training Sch., Washington Univ., 6 yrs.; in chg. agron., Univ. Ia., summers, 2 yrs.; dir. dept. agr., Colo. State Teach. Coll., 2 yrs.; present position, 1918-. —*b.* Anna, O., June 8, 1876; *s.* Wm. R. and Hannah (Clinehens) K.; reared on farm; *m.* Clara Belle Norcross, Aug. 21, 1906; *c.* Allan Tanner, Rita Lenora, Lois Norcross, Bernice. A.B., Oberlin Coll., 1906; B.S., Ia. State Coll., 1916; B.S. in Agrl. Educ., 1917; M.S. in Agrl. Educ., 1924.

Kraker, James Lewis, fruit-grower, Beulah, Mich.

Manufacturer fertilizer, 1½ yrs.; agrl. bact. and farm manag., 3 yrs.; supt. dehydration plant, 2 yrs.; agt. Benzie Co., Mich., 1919-24. —*b.* Brooklyn, N. Y., June 25, 1889; *s.* Jas. and Sophia (Light) K.; reared in town; *m.* Dorothy Rogers, Sept. 1, 1917; *c.* Jas. L. Jr., Althea. B.S.A., Cornell Univ., 1912.

Kramer, Esther Grace, home dem. agt., Forrest City, Ark.

Superv. home econ., Ia. Falls, Ia., 1915-8; instr., Ia. State Teach. Coll., 1918; home dem. agt., Davenport, 1919-20. —*b.* Dubuque, Ia., Nov. 22, 1893; *d.* Jas. H. and Ruth Elizabeth (Beach) Shoemaker; reared in city; *m.* Chas. Theodore Kramer, June 12, 1917; *c.* Elizabeth Louise. Student Ia. State Teach. Coll.

Kranich, Frank Nicola Girard, manag. tractor and implement bearing div., Timken Roller Bearing Co., Chicago, Ill.

Expl. engin., J. I. Case Co., Racine; supt. expts., Belle City Mfg. Co., Racine, Wis.; dir. Madison Plow Co. Pres. Amer. Soc. Agrl. Engin.; chm. Agrl. Equipment Standards Com. (Agrl. engin.). —*b.* Sheboygan Co., Wis., Dec. 16, 1881; *s.* Frank A. D. and Kate M. (Mockley) K.; reared in country; *m.* Eva Lewis, Dec. 27, 1912; *c.* Lewis Girard, Bruce, Duane.

Krantz, Fred Alfred, asst. prof. hort. and asst. hort. Exp. Sta., Univ. Minn., University Farm, St. Paul, Minn.

Asst. hort., Univ. Minn., 1919; instr., 1919-24; asst. prof., 1924-. 2d Lieut. U. S. Army, 1918-9. (Veg.-gard.). —*b.* Westphalia, Ia., Nov. 10, 1890; *s.* P. J. and Christina (Wachendorf) K.; reared on farm; *m.* Katherine Leahy, Sept. 15, 1919; *c.* Katherine, Fred, Mary Patricia. B.S., Univ. Minn., 1918; M.S., 1921; Ph.D., 1924. Alpha Zeta; Gamma Sigma Delta.

Kraus, Ezra Jacob, prof. applied bot., Univ. Wis., Madison, Wis.

Sci. asst., U. S. Dept. Agr., 1907-9; prof. res. in hort., Ore. Agr. Coll. Exp. Sta., 1909-19; present position, 1919-. —*b.* Ingham Co., Mich., Mar. 19, 1885; *s.* Christian and Katherine F. (Baumgras) K.; reared in city. B.S., Mich. Agr. Coll., 1907; Ph.D., Univ. Chicago, 1917.

Krause, Edwin Henry, agrst., Valley City, O.

Farm manag., 1916-8; formerly asst. dairy manufacturing specialist, Univ. Neb. Dir. and treas. B. N. L. Elevator & Supply Co., 1919-21; pres. Liverpool Farm Bur., 1919-20. —*b.* Valley City, O., Mar. 4, 1891; *s.* Carl and Minnie (Baker) K.; reared on farm. B.Sc., Ohio State Univ., 1916.

Krauss, Frederick G., prof. agron. and genetics, Univ. Hawaii, Honolulu, Hawaii.

Asst. bot., Univ. Calif., summer 1901; agrst., Kamehameha Sch., Honolulu, 1901-6; expert in agr., Hawaii Agr. Exp. Sta., 1906-11; prof. agron., Coll. Hawaii, 1911-5; supt. ext. div., Hawaii Agr. Exp. Sta., 1915-21; present position, 1921-. Supt. Sunset Seed and Plant Co., San Francisco, 1895-8; pineapple grower, Haiku, Maui, 1912-. Pres.

Haiku Farmers Assoc.; dir. Maui Co. Fair and Racing Assoc. Rice and cotton invests. in China and Japan, 1909. *Auth.*: The Sweet Pea Review, 1896; Leguminous Crops for Hawaii, 1912. Agrl. ed., Hawaiian Commercial Advertiser. —*b.* San Francisco, Calif., May 6, 1870; *s.* Frederick H. and Johannah (Kindervater) K.; reared in city and country; *m.* Elizabeth Hilmer, Oct. 1897; *c.* Dorothea H., Beatrice H., Frederick H., Noel H. Student Leland Stanford Jr. Univ., 1891-4; Univ. Calif., 1898-1901; D.Sc., Univ. Hawaii, 1921.

Kraybill, Henry Reist, biochem., The Boyce-Thompson Inst. for Plant Research, Yonkers, N. Y.

Asst. in expl. agrl. chem., Penn. State Coll., 1913-5; instr. agrl. chem., 1915-7; asst. physiologist, Bur. Plant Ind., U. S. Dept. Agr., 1917-9; prof. agrl. chem. and chem. Exp. Sta., Univ. N. H., 1919-24; present position, 1924-. —*b.* Mt. Joy, Pa., May 1, 1891; *s.* Samuel Snyder and Mary (Reist) K.; reared on farm; *m.* Ruth Grove, 1916; *c.* Henry Lawrence, Richard Reist, Robt. Grove. B.S., Penn. State Coll., 1913; M.S., Univ. Chicago, 1915; Ph.D., 1917. Sigma Xi; Phi Kappa Phi; Phi Eta; Alpha Zeta.

Kreitler, George W., co. agrl. agt., Pomeroy, O.

Poultryman and dairyman, Warren, O., 1920-3. —*b.* Warren, O., Feb. 11, 1899; *s.* Chas. F. and Rhoda (Pearce) K.; reared on farm; *m.* Mary Caldwell, June 25, 1924. B.S., Ohio State Univ. Delta Theta Sigma.

Kriss, Max, assoc. an. nutr., Inst. An. Nutr., Penn. State Coll., State College, Pa.

Asst. an. nutr., Penn. State Coll., 1918-20; assoc., 1920-. —*b.* Ostropol, Russia, May 15, 1889 (naturalized 1916); *s.* Joseph and Fannie (Shatz) K.; reared in town; *m.* Sima Charny, Apr. 1918; *c.* Joseph. B.S., Penn. State Coll., 1918; M.S., 1920. Sigma Tau Phi.

Kritser, Nancy Elizabeth, home dem. agt., Mineola, N. Y.

Dietitian, Tex. Women's Coll., 1916-7; dietitian Med. Corps, U. S. Army, 1917-9; Baylor Univ., 1919-20; nutr. worker, Amer. Red Cross, 1921; present position, 1922-. —*b.* Taylor, Tex., July 4, 1894; *d.* John S. and Martha (Sloan) K.; reared in town. B.S., Tex. Coll. Ind. Arts, 1916.

Kroll, Arthur Andrew, co. agrl. agt., Salida, Colo.

b. Gunnison, Colo., Oct. 31, 1898; *s.* C. A. and Carrie (Johnson) K.; reared in town; *m.* Bernice Dunlap, July 4, 1920; *c.* Susanne Lois, Virginia. B.S., Colo. Agr. Coll., 1920. Sigma Chi; Alpha Zeta.

Krome, William J., consulting engin., Fla. East Coast Ry., Homestead, Fla.

Fruit-grower, Dade Co., Fla.. 1902-. Mem. adv. com., Fla. State Plant Bd., 1915-6; vice-pres. Fla. State Hort. Soc., 1915-25; pres. Dade Co. Growers League, 1914-25; dir. Fla. State Growers League, 1915-8; pres. Coral Reef Nurseries Co., 1916-25. (Subtrop. hort., particularly avocados and mangos). —*b.* Edwardsville, Ill., Feb. 14, 1876; *s.* Wm. H. and Medora (Gillham) K.; reared in town; *m.* Isabelle G. Burns, Nov., 1910; *c.* Mary Elizabeth, Wm. H., Robt. G., John E. Cornell Univ., 1899. Delta Kappa Epsilon.

Krum, Olin Clifford, ext. poultry specialist, Colo. Agr. Coll., Fort Collins, Colo.

Instr., Cornell Univ., 1917-21; Ore. Agr. Coll., 1921-3; present position, 1923-. Served in A. E. F. —*b.* Caroline, N. Y., June 9, 1896; *s.* Walter G. and Bertha A. (Steenburgh) K.; reared on farm and in town; *m.* Allie Fawn Phillips, Apr. 14, 1923; *c.* Philip Gordon. B.S., Cornell Univ., 1917.

Kruse, Arthur Murphy, lands. arch. and town planner, 71 King St., W. Toronto, Ont.

Mem. of firm, Horries, Holl & Kruse, Toronto and Buffalo; assoc. town planner, Bur. Municipal Affairs, Ont.; town planner, U. S. Housing Corp., World War. Fellow Amer. Soc. Lands. Arch.; mem. Town Planning Inst. of Canada. —*b.* Moravia, N. Y., Apr. 2,

1889; *s.* Wm. Chas. and Elizabeth Amelia (Murphy) K.; reared in city; *m.* Mabel Harriet Babcock, July 1, 1911. Cornell Univ., 1911.

Kruse, Paul J., prof. rural educ., Cornell Univ., Ithaca, N. Y.

Princ. schs., Stanwood, Ia., 1906-9; supt. schs., Mapleton, 1910-2; instr. educ., Univ. Wash., 1913-6; present position, 1917-. In Trade Test Div., Com. on Classification of Personnel in Army, 5 mos. (Educational psychology). —*b.* Boone, Ia., Sept. 7, 1883; *s.* L. A. and Josephine (Johnson) K.; *m.* Alice E. Manney, 1912; *c.* Kermit, Gere. B.S., State Univ. of Ia., 1906; A.M., Univ. Wash., 1913; Ph.D., Columbia Univ., 1917.

Krusekopf, Henry Herman, prof. soils, Univ. Mo., Columbia, Mo.

b. Casco, Mich., Jan. 7, 1886; *s.* Henry and Charlotte (Jacobs) K.; reared in village; *m.* Nancy Ford Smith, Sept. 20, 1913; *c.* Emily E., Charlotte C., Carolina C., Henry H. B.S.A., Univ. Mo., 1908; A.M., 1916. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Kuckuk, Harold Morse, superv. voc. agr., high-sch., W. Salem, Wis.

b. Wausau, Wis., Mar. 14, 1899; *s.* Wm. and Elizabeth (Koppe) K.; reared on farm. B.S., Univ. Wis., 1922. Alpha Gamma Rho; Alpha Zeta.

Kuhlman, Arthur Henry, assoc. prof. an. husb., S. D. State Coll., Brookings, S. D.

Asst. an. husb., Univ. Wis., 1910-3; instr., 1914-7; emergency dem. agt., Dodge Co., 1917-8; present position, 1918-. Mem. firm Kuhlman Bros., Lowell, Wis., breeders of Holstein-Friesian cattle and Chester-White swine. Sec. Wis. Chester-White Swine Breeders Assoc., 1911-8. Traveled in Europe, 1914. —*b.* Lowell, Wis., Jan. 1, 1886; *s.* Fred and Anne (Henke) K.; reared on farm; *m.* Ruth Aleen Naugle, Mar. 12, 1914; *c.* Aleen Winifred, Frederick John, Helen Louise. B. S., Univ. Wis., 1910; M.S., 1916. Alpha Zeta.

Kuhns, Buford Elmer, teach. agr., high-sch., Gooding, Ida.

b. Winston, Mo., Mar. 26, 1896; *s.* Melvin and Emma K.; reared on farm. B.S.A., Univ. Ida., 1924. Phi Gamma Delta; Alpha Zeta.

Kumlien, Wendell F., head dept. rural sociol., S. D. State Coll., Brookings, S. D.

Princ. Parker High-Sch., Moradabad, India, 1911-5; princ. 4th distr. schs., Appleton, Wis., 1916-7; agrl. agt. Lawrence County, S. D., 1917-20; co. agt. leader, S. D., 1920-1; dir. ext., 1921-5. Traveled Europe, 1911; India, Malaysia, China, Japan, 1915. —*b.* Sumner, Wis., May 1, 1888; *s.* T. V. and Alice (Langworthy) K.; reared on farm; *m.* Eva M. Theleen, Oct. 18, 1913; *c.* Mary Alice, Margaret Olive, Ruth Enid, Carol Elizabeth. B.A., Lawrence Coll., Appleton, Wis., 1911; studied Univ. Wis., 1915-6; M.S., S. D. State Coll., 1921; M.S., Univ. Wis., 1923.

Kunkel, Louis Otto, plant path., Boyce Thompson Inst., Yonkers, N. Y.

Path., U. S. Dept. Agr., 1914-20; assoc. path., Hawaiian Sugar Planters Exp. Sta., 1920-3; present position, 1923-. —*b.* Mexico, Mo., May 7, 1884; *s.* Henry and Katie Price (Spencer) K.; reared on farm; *m.* Johanna C. Wortmann, Sept. 4, 1915; *c.* Henry, Otto, Walter, Paul. B.S., Univ. Mo., 1909; A.B., 1910; A.M., 1911; Ph.D., Columbia Univ., 1914.

Kutil, Clarence Leonard, dir. agr., Antioch Township High-Sch., Antioch, Ill.

Manag. Hillacres Poultry Farm, Tryon, N. C., 1917; instr. agr., high-sch., Seymour, Wis., 1918-21; instr. sci., River Falls, 1923; present position, 1924-. Sec. Outagamie Duroc-Jersey Assoc., 1920-1; pres. Antioch Poultry Assoc., 1924-. —*b.* Kellnersville, Wis., Aug. 26, 1896; *s.* Geo. and Dorothy (Votava) K.; reared on farm; *m.* Lucile Knox, Feb. 10, 1923. B.S.A., Univ. Wis., 1923. Alpha Zeta.

Kyle, Curtis Hernon, agron., Off. Cereal Invests., U. S. Dept. Agr., Washington, D. C.

Asst. instr. and soil lab. aid, Kans. State Agr. Coll., 1903-5; asst. agron., Ohio Agr. Exp. Sta., 1906-7; physiol., U. S. Dept. Agr., 1907-23; agron., 1923-. Mem. Fed. Seed Stocks Com., 1917-8. (Corn). —*b.* St. Louis Crossing, Ind., Apr. 8, 1878; *s.* John H. and Sally (Skinner) K.; reared on farm; *m.* Corinne Failyer, 1906; *c.* Claudia Lois. B.S., Kans. State Agr. Coll., 1903. Phi Kappa Phi.

Kyle, Edwin Jackson, dean Sch. Agr., Tex. A. & M. Coll., College Station, Tex.

Asst. prof. hort., Tex. A. & M. Coll., 1902-5; prof., 1905-; dean Sch. Agr., 1911-. Farmer, 1910-. *Auth.*: Fundamentals of Farming and Farm Life, 1912; (with H. P. Stuckey) Pecan-Growing, 1925. —*b.* Kyle, Tex., July 22, 1876; *s.* Ferg and Anna (Moore) K.; reared on farm; *m.* Alice Erwin Myers, Dec. 21, 1904; *c.* Lily Bess. B.S., Tex. A. & M. Coll., 1899; B.S.A., Cornell Univ., 1901; M.S.A., 1902. Alpha Zeta.

L

Laake, Ernest William, asst. ent., U. S. Dept. Agr., P. O. Box 208, Dallas, Tex.

b. New Ulm, Tex., Sept. 22, 1887; *s.* Frank Albert and Louise Caroline (Werlla) L.; reared on farm; *m.* Anna Paillet, Nov. 28, 1918. B.S., Tex. A. & M. Coll., 1913.

Lackie, Harry M., in chg. poultry and egg marketing, Wis. Dept. Agr., Madison, Wis.

Asst. prof. an. husb., Ia. State Coll., 1915-7; ext. asst. prof., 1917; poultry specialist, Bur. An. Ind., U. S. Dept. Agr., 1919; formerly ext. prof. an. husb., Univ. Wyo. With Coast Artillery Corps, U. S. Army, 1918. —*b.* Bradford, Ill., Jan. 4, 1891; *s.* Richard Y. and Annie (Buswell) L.; reared on farm. B.S.A., Ia. State Coll., 1915. Phi Kappa Phi; Gamma Sigma Delta; Tau Kappa Epsilon.

Lacy, Frank Howard, with Niagara Sprayer Co., Poughkeepsie, N. Y.

Teach. agr., high-sch., Tully, N. Y., 1910-1; Millbrook, 1912-3; formerly agrl. agt. Duchess Co., —*b.* Stanley, N. Y., Jan. 2, 1886; *s.* Ira E. and Rose S. (Witter) L.; reared on farm; *m.* Clara Mabel Ransom, Sept. 5, 1911; *c.* Mabel Elizabeth, Evelyn Rose, Theodora Esther. B.S.A., Cornell Univ., 1912.

Lacy, Mary Goodwin, librarian, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Librarian, Va. Poly. Inst., 1903-10; asst. Library U. S. Dept. Agr., 1910-3; reference librarian, 1913-9; agrl. librarian, Ia. State Coll., 1919; res. asst., Scripps Econ. Bur. 1920; present position, 1920-. (Agrl. literature, corn bibliography). —*b.* Point Pleasant, W. Va., Jan. 14, 1875; *d.* T. H. and Mary Baldwin (Goodwin) L.; reared in town. Grad. Stuart Hall, Staunton, Va., 1895.

Ladd, Carl Edwin, dir. ext., Cornell Univ., Ithaca, N. Y.

Instr., Cornell Univ., 1912-5; dir. State Sch. Agr., Delhi, 1915-7; specialist in agrl. educ., N. Y. State Educ. Dept., Albany, 1917-9; dir. N. Y. State Sch. Agr. at Alfred Univ., Alfred, N. Y., 1919-20; ext. prof. farm manag., Cornell Univ., 1920-4; present position, 1924-. —*b.* McLean, N. Y., Feb. 25, 1888; *s.* Arnold D. and Mary E. (Mineah) L.; reared on farm; *m.* Camilla M. Cox, Mar. 9, 1912; 2d, Lucy Frances Clark, July 16, 1918; *c.* Elizabeth Marie, Carl Edson, Robt. Daniel. B.S.A., Cornell Univ., 1912; Ph.D., 1915.

Ladd, Edwin Freemont, pres. N. D. Agr. Coll., Agricultural College, N. D.; Dec. 13, 1859-June 22, 1925. See Rus 1920.

Laffitte, Pearl, home dem. agt., Jacksonville, Fla.

Teach. home econ., high-sch., Mulberry, Fla., 1918-20; home dem. agt. Taylor Co., 1920-2; Duval Co., 1922-. —*b.* Lloyd, Fla., Dec. 11, 1897; *d.* Rondeau B. and Ida L. (Sydnor) L.; reared in town. B.S., Fla. State Coll., 1918.

Lafky, Herman Ernest, teach. voc. agr., high-sch., Forest Grove, Ore.

Served in A. E. F.; civilian relief work in Amer. Relief Assoc., 1919

Dir. Pacific Coop. Poultry Producers Assoc. —*b.* Elkton, S. D., Oct. 27, 1896; *s.* Frederick J. and Helene M. L.; reared on farm; *m.* Gladys Taylor, Dec. 25, 1919; *c.* Robt. H. M.S.A., Ore. Agr. Coll., 1921; student Sorbonne Univ., Paris, 1919.

LaFollette, Walter Tazewell, general manag. Swenson Nursery Co., Siloam Springs, Ark.

Grain and stock farmer, Mo., fruitgrower, Ark., to 1918; with Great Western Sugar Co., Denver, Colo., 1918-21; present position, 1921-. —*b.* Cass Co., Mo., June 19, 1872; *s.* Walter Brisco and Julia Ann (Dodd) L.; reared on farm; *m.* Lucy Hedrick (d. 1906); 2d Nannie Williams, 1907; *c.* Ivan, Robt., Paul, Julia, Roy. LL.B., Univ. Mo., 1896.

LaGrange, William Francis, prof. an. husb., Ia. State Coll., Ames, Ia.

Instr. an. husb., Ia. State Coll., 1917-8; ext. an. husb., N. D. Agr. Coll., 1919-20; present position, 1920-. Sec. N. D. Shorthorn Breeders Assoc., 1919-20. Capt. O. R. C. —*b.* Marion, Ia., Sept. 18, 1894; *s.* J. W. and Margaret A. (Bleakly) L.; reared in town and on farm; *m.* Ruth A. Somers, Sept. 1, 1917. B.S., Ia. State Coll., 1917. Alpha Zeta.

Lahr, John Paul, teach. voc. agr., high-sch., Monrovia, Ind.

b. Bippus, Ind., Feb. 11, 1900; *s.* Jacob A. and Emma (Grimm) L.; reared on farm. B.S.A., Purdue Univ., 1923. Lambda Chi Alpha.

Laing, Andrew, clergyman, Fordwich, Ont.

Farmer, western Canada, 1908-10, 1911. (Rural problems). —*b.* Ont., Jan. 26, 1878; *s.* Geo. and Sarah Jane (Cook) L.; reared on farm; *m.* Millie Belle Gorby, June 4, 1913; *c.* Margie Gorby, Andrew Jordan. B.A., Queens Univ., Kingston, Ont., 1907; grad. theol., 1912.

Laird, David Gordon, asst. prof. agron. in chg. soil invests., Univ. B. C., Vancouver, B. C.

In soil survey work, Ont., 1915; distr. agrst., P. E. I., 1919; asst. agron., Univ. B. C., 1921-4; asst. prof., 1924-. Sec. Provincial branch, Canadian Soc. of Tech. Agrsts., 1922-3. Served in World War, 3 yrs. —*b.* Summerside, P. E. I., Oct. 10, 1890; *s.* Alexander and Annie (Carruthers) L.; reared on farm. B.S.A., Univ. Toronto, 1915; M.S., Univ. Wis., 1924.

Lake, Charles Capwell, co. agrl. agt., Carrington, N. D.

Teach. agr., high-sch., Stephen, Minn., 1916-7; Argyle, Minn., 1917-8; co. agrl. agt., Red Lake Falls, Minn., 1918-21; Carrington, N. D., 1921-. (Dairying). —*b.* W. Union, Ia., Oct. 4, 1884; *s.* Chas. P. and Nellie (Capwell) L.; reared on farm; *m.* Lily Gillespie, June 2, 1917; *c.* Charlotte G. B.S., Ia. State Coll., 1912.

Lake, Edward Ralph, pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Mich. Agr. Coll., 1885-8; prof. bot. and hort., Ore. Agr. Coll., 1888-91; prof. bot. and hort., Wash. State Coll., 1891-4; prof. bot. and hort., Ore. Agr. Coll., 1898-1905; prof. bot. and for., 1905-10; present position, 1910-. Mem. Ore. House of Rep.; Ore. Conservation Comn.; regent Ore. Agr. Coll. Del. Nat. Republican Convention, 1896. Sec. Amer. Pom. Soc., 1912-20. Sent to Europe, 1900, as agt. Dept. Agr. to investigate prune industry. —*b.* England, May 16, 1860 (naturalized 1906); *s.* Geo. and Elizabeth (Seaton) L.; reared in country; *m.* Lillian May Stryker, Sept. 19, 1888; *c.* Roscoe Verne. B.S., Mich. Agr. Coll., 1885; M.S., 1888. Phi Delta Theta.

Lamb, Alvin Romaine, dir. res., Moorman Mfg. Co., Quincy, Ill.

Asst. agrl. chem., Univ. Wis., 1912-4; asst. chem., Ia. Agr. Exp. Sta., 1914-9; chief nutr., 1919-25. 2d Lieut. Sanitary Corps, U. S. Army, 1918-9. Fellow Ia. Acad. Sci., A. A. A. S. (Fermentation, an. nutr.). —*b.* Bangor, Wis., Apr. 23, 1890; *s.* Chas. E. and Myra B. (Thompson) L.; reared in town and on farm; *m.* Nellie E. Schwartz, June 30, 1914; *c.* Earl R., Dorothy E. B.S., Univ. Wis., 1913; M.S., 1915. Sigma Xi; Phi Lambda Upsilon.

Lambert, Daniel Joseph, poultryman, Lambert's Poultry Farms, Apponaug, R. I.

Formerly ext. agt. in poultry husb., R. I. State Coll. Poultry farmer, 46 yrs. —*b.* Cranston, R. I., Oct. 14, 1860; *s.* Daniel and Mary (Hulme) L.; reared on farm; *m.* Fannie Leigh, Dec. 8, 1886; *c.* Clara Alice, Leroy Leigh, Daniel J. Jr.

Lambert, Louis Phillippe, farm agt., Notre-Dame-du-Lac, Que.

b. Ste. Ursule de Muskinonge, Que., Sept. 10, 1895; *s.* Augustin and Anny (Lamy) L.; reared on farm. B.S.A., Univ. Montreal, 1920.

Lamon, Harry Miles, poultryman, Adams Center, N. Y.

Senior poultryman, Bur. An. Ind., U. S. Dept. Agr., 1912-22; practical poultryman, 35 yrs. Originator of the Lamona breed of fowls. *Auth.*: The Mating and Breeding of Poultry 1920; Practical Poultry Production 1920; Ducks and Geese 1922; Poultry Feeds and Feeding 1922; Turkey Raising 1922. —*b.* Watertown, N. Y., Aug. 16, 1872; *s.* John Jay and Helen Medora (Ball) L.; reared in city and on farm; *m.* Anna Hale.

Lamson, George Herbert Jr., prof. zool., Conn. Agr. Coll., Storrs, Conn.

Prof. biol., Tarkio Coll., 1905-6; instr. zool., Conn. Agr. Coll., 1906-10; prof., 1910-; econ. zool., Exp. Sta., 1908-. Fellow A. A. A. S. (Parasitology, incubation). —*b.* Malden, Mass., Apr. 8, 1882; *s.* Geo. H. and Sarah J. (Liscombe) L.; reared in town; *m.* Kate Arroll, July 27, 1909; *c.* Arroll L. B.S., Conn. Agr. Coll., 1902; Mass. Agr. Coll., 1903; M.S., Yale Univ., 1905.

Lamson, John Bowman, agrst., Chicago, Burlington and Quincy Railroad, 547 W. Jackson Boulevard, Chicago, Ill.

Agrl. ext. div., Univ. Minn., 1911-2; present position, 1912-. —*b.* Fairfield, Ia., Dec. 3, 1887; *s.* Ralph Waldo and Mary (Bowman) L.; reared on farm and in town; *m.* Mary Stuart Allison, Sept. 2, 1914; *c.* John Stuart, Mary Jane. B.S., Ia. State Coll., 1911. Delta Upsilon; Alpha Zeta.

Lamson-Scribner, Frank, agrostologist, Carlisle, Pa.

Special agt. in chg. mycological sect. Bot. Div., U. S. Dept. Agr., 1886; chief sect. veg. path., 1887; prof. bot., Univ. Tenn., 1888-94; dir. Exp. Sta., 1890-4; chief div. agrostology, U. S. Dept. Agr., 1894-1901; chief Insular Bur. Agr., Philippine Isls., 1901-4. Fellow A. A. A. S.; Chevalier du Merite Agricole, France, 1889. Expert on exhibits, U. S. Dept. Agr., 1913-; dir. exhibits for U. S. Com. Centennial Expos. held at Rio de Janeiro, Brazil, 1922-3. Translator, The True Grasses, 1880. —*b.* Cambridgeport, Mass., Apr. 19, 1851; *s.* Joseph H. and Ellen E. (Winslow) L. (adopted by family named Scribner); *m.* Ella Augusta Newmarch, 1877 (d. 1908); 2d, Marjorie Flemming Anderson, 1913; *c.* Allen, Frank, Louise. B.S., Univ. Me., 1873; LL.D., 1920.

Lancaster, Dabney Stewart, prof. agrl. educ., Va. Poly. Inst., Blacksburg, Va.

Assoc. master, Chamberlayne Sch. for Boys, Richmond, Va., 1911-2; asst. an. husb. and instr. modern languages, Va. Poly. Inst., 1914-5; instr. an. husb., 1915-6; instr. agr., Univ. Va., summers 1914-5; agrl. res. scholar, Univ. Mo., 1916-7; assoc. prof. an. husb., Va. Poly. Inst., 1917-8; prof. and head dept. agrl. educ., 1918-; state superv. agrl. educ., 1923-. Traveled in Europe, 1911. *Assoc. ed.*, Va. Journal of Education, 1918-. —*b.* Richmond, Va., Oct. 11, 1889; *s.* Robt. Alexander and Williamine Cabell (Carrington) L.; *m.* Mary Tabb Crump, June 12, 1915; *c.* Mary Tabb, Williamine Carrington, Elizabeth Tayloe, Alice Dabney. B.A., Univ. Va., 1911; M.S., Va. Poly. Inst., 1915. Delta Tau Delta; Phi Kappa Phi.

Lancaster, Robert Roy, specialist in organization ext., Tex. A. & M. Coll., College Station, Tex.

Farmer, Kans., 6 yrs.; co. agrl. agt., Rupert, Ida., 1917-9; asst. co. agt. leader, Colo. Agr. Coll., 1919-20; present position, 1920-. —*b.* Sheldon, Mo., Apr. 8, 1887; *s.* Robt. F. and Hattie G. (Stevenson) L.; reared on farm; *m.* Helen Erma Douglass, Sept. 29, 1921; *c.* Robt. Douglass, Cynthia Ann. B.S.A., Kans. State Agr. Coll., 1916. Sigma Nu.

Landess, William McKenzie, co. agrl. agt., Chamber of Commerce, Memphis, Tenn.

La. State Livestock Bd., 1911; Univ. Ga., 1912; farmer, Tenn., 1912-5. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Fayetteville, Tenn., Sept. 13, 1888; *s.* Wm. Jas. and May (Boone) L.; reared on farm; *m.* Mabel O. Keith, Oct. 1, 1912; *c.* Wm. J., David Keith, Louise. B.S.A., Univ. Mo., 1910. Sigma Xi.

Landis, Benson Young, sec. rural com., Res. Dept. of Fed. Council of Churches, 105 E. 22nd St., New York, N. Y.

Teach. hist. and Latin, Nazareth Hall Military Acad., 1918-9; mem. rural survey staff, Inst. Social and Religious Res., 1920-1; manag. ed. Christian Work, 1921-3; present position, 1923-. *Ed.* Rural America, 1923-. *Auth.*: A Church and Community Survey of Sedgwick Co., Kans., 1922; Rural Church Life in the Middle West, 1922. —*b.* Coopersburg, Pa., Oct. 12, 1897; *s.* Myron S. and Emily (Young) L.; reared in village; *m.* Dorothea Oppenlander, Aug. 22, 1919; *c.* Jeanette Marjorie, Carolyn Louise. B.A., Moravian Coll., 1918; M.A., Columbia Univ., 1923. Phi Delta Kappa.

Landon, Ira Kaull, asst. prof. agron., Kans. State Agr. Coll., Manhattan, Kans.

Stockman, Crawford Co., Kans., 2 yrs. Served in U. S. Marines, 1917-9. —*b.* Forest City, Mo., Nov. 15, 1897; *s.* Columbus Grant and Anna Laurie (Kaull) L.; reared in town; *m.* Adah Sanger, Sept. 4, 1921; *c.* David Sanger. B.S.A., Kans. State Agr. Coll., 1921. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Lane, Charles Homer, asst. dir. for agrl. educ., Voc. Educ. Div., Fed. Bd. for Voc. Educ., Washington, D. C.

Prof. biol., Washington Coll., Tenn., 1905-7; asst. agron. and agrl. chem., Univ. Tenn., 1907-9; instr. agron., 1909-10; in chg. dept., 1910-1; asst. agrl. educ., U. S. Dept. Agr., 1911-2; in chg. div. agrl. educ., 1912-7; fed. agt. for agrl. educ., Fed. Bd. for Voc. Educ., 1917-9; present position, 1920-. Pres. dept. rural and agrl. educ., Nat. Educ. Assoc., 1917-8; sec. Amer. Assoc. for Advancement of Agrl. Teaching, 1916-7. *Ed.*, Southern Farm Advocate. —*b.* Boston, Mass., July 17, 1877; *s.* John and Eliza (Wall) L.; reared in city and on farm; *m.* Ida West, 1907; *c.* Marion, Dorothy Marjorie, John. B.A., Mt. Allison Univ., Sackville, N. B., 1903; M.A., 1908; B.S.A., Univ. Tenn., 1909. Phi Kappa Phi.

Lane, George, stockman and farmer, Calgary, Alta.

Stockman and rancher, Mont., 1876-83; foreman Bar U Ranch, 1884-90; partnership owner, 1890-; pres. Geo. Lane & Co. Stock and Farming Corp., 1916-; pres. Alta. Flour Mills Co., 1917-; pres. Canadian Thoroughbred Horse Breeders Assoc. Mem. Alta. Legislature, 1913-. (Percheron horses). —*b.* Des Moines, Ia., Mar. 9, 1856 (naturalized in Canada 1887); *s.* J. W. and Julia L.; reared on farm; *m.* Elizabeth Sexsmith, 1885; *s.* Lillian, Mabel, Ernest, Roy, Elsie, Mildred, Clifton, Geo.

Lane, Isaac Sappe, prof. an. husb., Prairie View State Normal and Ind. Coll., Prairie View, Tex.

In Sanitary Corps, U. S. Army, 1918-9. —*b.* Screven, Ga., Nov. 27, 1888; *s.* Stephen Tunkins and Sibbie Elizabeth (Howard) L. (col.); *m.* Leonora E. Harrington, Dec. 23, 1920. A.B., Wilberforce Univ., 1920; B.S.A., Ohio State Univ., 1923. Kappa Alpha Psi.

Lane, Merton Chesleigh, asst. ent., U. S. Dept. Agr., Box 448, Toppenish, Wash.

With U. S. Bur. Ent., 1917-. (Coleoptera, Elateridae). —*b.* Mass., Sept. 4, 1893; *s.* Geo. W. and Margie (Brewster) L.; reared on farm; *m.* Marion Bridgman, Sept. 26, 1915; *c.* Robt. Alson, Dorothy Bridgman, Priscilla Brewster. B.S., Mass. Agr. Coll., 1915. Lambda Chi Alpha.

Lang, Chester Charles, asst. state leader boys and girls clubs, Ohio State Univ., Columbus, O.

Sergeant U. S. Army, 1917-9. —*b.* Woodsfield, O., Nov. 16, 1895; *s.* L. P.

and Clara Sarah (Dyer) L.; reared on farm; *m.* Sara Lentz, Oct. 13, 1923. B.S.A., Ohio State Univ. Alpha Zeta.

Langdon, James Gilbert, lands. arch., Washington, D. C.

Practice lands. arch., 1891-; lands. arch. and engin., Rock Creek and Potomoc Parkway Comn., Washington, 1915-21; lands. arch. on Palos Verdes project, Los Angeles Co., Calif., 1922-5; lands. arch. and city planner, Nat. Capitol Park Comn., 1925-. —*b.* Plymouth, N. H., May 1, 1866; *s.* John Gilbert and Helen (Parker) L.; reared in town. Student Mass. Inst. Tech.

Langenbacher, Robert A., co. agrl. agt., St. Charles, Mo.

Asst. plant path., U. S. Dept. Agr., 1917-9; present position, 1919-. *Ed.,* Bates Co. Farm Bur. News. (Dairying). —*b.* Aberdeen, S. D., Aug. 27, 1892; *s.* Adam and Frances (Beal) L.; reared on farm; *m.* Georgia Elliot. Student Univ. Minn., 1914-7.

Langworthy, Charles Ford, home econ. specialist, Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Asst. and instr. chem., Wesleyan Univ., Conn., 1893-5; assoc. ed. Experiment Station record, 1895-1924; expert in nutr., later chief nutr. invest., U. S. Dept. Agr., 1895-1905; chief Off. Home Econ., 1905-23; home econ. specialist, 1924-. Fellow A. A. A. S.; mem. Société Scientifique d'Hygiène Alimentaire, Paris. —*b.* Middlebury, Vt., Aug. 9, 1864; *s.* Chas. P. and Ann E. (Ford) L.; reared in small town. A.B., Middlebury Coll., 1887; A.M., 1890; Ph.D., Strassburg Univ., Germany, 1893; D.Sc., Middlebury Coll., 1912. Delta Kappa Epsilon.

Lanham, William Bradford, marketing specialist, Tex. A. & M. Coll., College Station, Tex.

Hort., Sutherlin Land and Water Co., 1908-10; hort., Lewiston, Clarkston Improvement Co., Clarkston, Wash., 1910-2; supt. McIntosh Manor, Lolo, Mont., 1912-4; ext. hort., Tex. A. & M. Coll., 1915-6; chief plant ind. div., 1916-8; state leader specialists, 1918-9; asst. dir. ext., 1919-22; present position, 1924-. Sec.-treas. Tex. State Hort. Soc. (Hort.). —*b.* Boone Co., Mo., June 27, 1882; *s.* J. O. and Alice Elizabeth (Baldridge) L.; reared on farm; *m.* Clarice Maud Lyman, Nov. 25, 1910; *c.* Clarice Elizabeth, Wm. B. Jr. B.S.A., Univ. Mo., 1907; A.M., 1917.

Lanman, Faith Robinson, prof. and head home econ. dept., Ohio State Univ., Columbus, O.

Teach. home econ., St. Petersburg, Fla., 1903-6; superv. home econ., public schs., Columbus, O., 1907-18; asst. state leader home dem. agts., Ohio State Univ., 1918-9; state leader, 1919-20; present position, 1920-. —*b.* New London, Conn., Nov. 21, 1881; *d.* John T. and Charlotte E. (Stilwell) L.; reared in city. B.S., Ohio State Univ., 1903; B.S., Columbia Univ., 1907; M.A., 1924. Phi Upsilon Omicron.

Lansdon, William Clarence, writer, lect., mem. U. S. Bd. Tax Appeals, Investment Bldg., Washington, D. C.

Teach. hist. and econ. Kans. Normal Coll., 1887-94; princ. public high-sch., Ft. Scott, Kans., 1896-1905; ed. Ft. Scott Daily Monitor, 1893-1901; faculty manag. athletics, Univ. Kans., 1905-11; ed. Salina Daily Union, 1911-8; ed. Kans. Union Farmer, 1922-. Organizer and lect. Nat. Farmers Union, 1919-; vice-pres. Kans. Farmers Union, 1922-. Mem. Kans. Selective Draft Bd., 1918; superv. Census, 5th Kans. distr., 1920; mem. U. S. Bd. Tax Appeals, 1924-. (Agrl. coop., taxation). —*b.* Linn Co., Kans., May 6, 1863; *s.* Henry and Hannah (Ewing) L.; reared on farm; *m.* Eunice Irvine Long, Dec. 24, 1899; *c.* Henry Irvine. B.A., Kans. Normal Coll., 1888.

Lantz, Harvey L., asst. chief in pom., Ia. Exp. Sta., Ames, Ia.

Teaching fellow hort., Ia. State Coll., 1916-7; asst. in fruit breeding, Ia. Exp. Sta., 1917-8; present title, 1918-. —*b.* Carlock, Ill., Sept. 24, 1888; *s.* John K. and Lydia M. (Lantz) L.; reared on farm; *m.* Ona Harriet Searles, Apr. 24, 1919. B.S., Ore Agr. Coll., 1916; M.S., Ia. State Coll., 1918. Alpha Zeta; Gamma Sigma Delta.

Lantz, Henry Lowell, co. agrl. agt., Malta, Mont.

Princ. town and country schs., 6 yrs.; manag. Placer Co. Farm Bur. Exchange, Lincoln, Calif., 1 yr. Served in A. E. F. (Agrl. econ.). —*b.* Kokomo, Ind., Dec. 31, 1889; *s.* Joseph and Mary (Hubbler) L.; reared on farm; *m.* Isabel Love, July 2, 1919. B.S., Muncie Normal Inst., 1911; Mont. State Coll., 1921; M.S., Univ. Calif., 1922.

Lapeyri, Ferdinand James, dir. voc. agr., Live Oak Union High-Sch., Morgan Hill, Calif.

Teach. agr., Live Oak Union High-Sch., 1922-3; dir. voc. agr., 1923-. (Field crops, hort.). —*b.* San Francisco, Calif., May 7, 1900; *s.* Michel and Marie (Escoubes) L.; reared in city. B.S.A., Univ. Calif., 1922.

Lapham, Macy Harvey, insp. soil survey, Western Div., U. S. Bur. Soils, Federal Bldg., Berkeley, Calif.

b. Okemas, Mich., Apr. 10, 1874; *s.* Harvey and Maria (Morrison) L.; reared on farm; *m.* Beulah Pearl Haskins, Apr. 8, 1903; *c.* Mary Kathleen. B.S., Mich. Agr. Coll., 1899.

Lapp, William Henry, ext. prof. poultry husb., Ia. State Coll., Ames, Ia.

b. Cleveland, O., Aug. 29, 1893; *s.* Chas. W. and Minnie (Binger) L.; reared on farm and in city. B.S.A., Ohio State Univ., 1916; M.S., 1917. Alpha Zeta.

Larrimer, Walter Harrison, ent. Bur. Ent., U. S. Dept. Agr., Box 95, W. LaFayette, Ind.

Fellow A. A. A. S.; mem. Ind. Acad. Sci. Instr. Field Art., U. S. Army, 1918-9; Capt. O. R. C. —*b.* Bloomingburg, O., Feb. 23, 1889; *s.* Henry T. and Rachel Ann (Roebuck) L.; reared on farm; *m.* Emma Cheslye Long, Nov. 18, 1918. B.S., Ohio State Univ., 1913; M.S., 1920; Ph.D., 1925. Sigma Xi; Gamma Alpha; Alpha Pi Upsilon.

Larsen, Christian, dean of agr., S. D. State Coll., Brookings, S. D.

Teach. country schs.; teach. Mass. Agr. Coll., winter, 1901-2; instr. and assoc. prof. dairy husb., Ia. State Coll., 1902-6; prof., Utah Agr. Coll., 1906-7; prof. dairy husb., S. D. State Coll., 1907-18; prof. and dir. ext., 1918-20; dir. dairy marketing dept., Ill. Agrl. Assoc., 1920-3; present position, 1923-. Supt. dem. trains in S. D. Studied agrl. and dairy conditions in Europe, 1899-1900. *Auth.*: Principles and Practice of Buttermaking, 1908; Dairy Technology, 1910; Exercises in Farm Dairying, 1914; Farm Dairying, 1919. *Ed.*, dairy dept. in The Dakota Farmer; former ed., Ia. dept., Dairy Record; creamery dept., Creamery Journal. —*b.* Odense, Denmark, Aug. 4, 1874 (naturalized 1897); *s.* Hans and Marie (Frydendahl) L.; reared on farm; *m.* Elsie M. Finch, Aug. 4, 1903; *c.* Thorwald H., Harold C., Alice M., Lillian. B.S.A., Ia. State Coll., 1902; M.S.A., 1904. Phi Kappa Phi; Alpha Zeta.

Larson, Andrew Olof, assoc. ent., U. S. Dept. Agr., Box 297, Alhambra, Calif.

Instr. zool., Utah Agr. Coll., 1916-7; instr. sci., high-sch., Manhattan, Mont., 1917-8; special field agt., U. S. Bur. Ent., 1918-9; ext. ent., 1919; sci. asst., asst. ent., assoc. ent., 1919-. (Bean weevils). —*b.* Molen, Utah, Sept. 11, 1887; *s.* Niels Christian and Anna (Andersen) L.; reared on farm; *m.* Sephronia Petersen, Dec. 23, 1908; *c.* Warren, Frona, Noal P., Sanna, Chloe, Jas. C. B.S., Utah Agr. Coll., 1916; M.S., Univ. S. Calif., 1924.

Larson, Carl William, chief Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Instr. dairying, Penn. State Coll., 1907-9; asst. prof., 1909-13; prof. in chg. dept. dairy husb., 1913-6; asst. prof. agr. and agrl. econ., Columbia Univ., 1916-7; asst. chief, Dairy Div., Bur. An. Ind., U. S. Dept. Agr., 1917-21; chief, 1921-4; chief Bur. Dairying, 1924-. Sec. Official Dairy Instrs. Assoc.; sec. Pa. Dairy Union. Del. to Dairy Congress, Stockholm, 1911. Studied dairy conditions in Europe, 1911. *Auth.*: (with Putney) Dairy Cattle Feeding and Management, 1917; Milk Production Cost Accounts, Principles and Methods.

—*b.* St. Ansgar, Ia., May 29, 1881; *s.* Henry and Minnie (Hansen) L.; reared on farm; *m.* Nellie C. Wallace, Sept. 7, 1911; *c.* Eileen. B.S.A., Ia. State Coll., 1906; M.S., Penn. State Coll., 1913; Ph.D., Columbia Univ., 1916. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Larson, Melvin L., teach. voc. agr., high-sch., Pine Bluffs, Wyo.

b. Hanna, Wyo., June 20, 1900; *s.* John and Carolina L. L.; reared in town. B.S., Univ. Wyo., 1923. Sigma Alpha Epsilon.

La Rue, Carl Downey, asst. prof. bot., Univ. Mich., Ann Arbor, Mich.

Princ. high-sch. Kingwood, W. Va., 1911-2; supt. schs., Hatton, Wash., 1912-3; instr. bot., Syracuse Univ., 1916-7; bot., U. S. Rubber Co., Sumatra, 1917-20; instr. bot., Univ. Mich., 1920-4; asst. prof., 1924-; specialist rubber invests. and chief exped. to Amazon region, U. S. Dept. Agr., 1923-4. Del. to 1st Sci. Congress of Netherlands Indies, Java, 1919. Translator (with Evelina F. LaRue) of DeVries Bereiding en Eigenschappen von Plantage Rubber, under title Estate Rubber, 1920. —*b.* Williamsville, Ill., Apr. 22, 1888; *s.* Abraham C. and Charlotte (Bates) L.; reared on farm; *m.* Evelina Brown Forman, Jan. 1, 1914; *c.* Adrian Jan, Anna Virginia. B.S., Valparaiso Univ., 1910; A.B., Univ. Mich., 1914; A.M., 1916; Ph.D., 1921. Sigma Xi.

Lassetter, William Casper, ed. The Progressive Farmer, Birmingham, Ala.

Asst. agron. Ohio State Univ., 1909-10; instr. agron., Univ. Ark., 1910-2; asst. prof., 1912-4; prof., 1914-5; asst. dir. ext., 1915-7; dir., 1917-20. (Rural econ.). —*b.* Villa Rica, Ga., Aug. 31, 1887; *s.* J. G. W. and Mary (Barnett) L.; reared on farm; *m.* Irma Lee Hamby, Dec. 16, 1916. B.S.A., Univ. Wis., 1909. Alpha Zeta; Phi Lambda Upsilon.

Latham, David LeRoy, local manag., The American Agrl. Chem. Co., New Bern, N. C.

Farm supt., Washington, N. C., 1910-1; farmer, 1912-3; asst. supt. coll. farm, Wilson, N. C., 1914-5; asst. milk and dairy insp., Rainey Dairy, Richmond, Va., 1916; agrl. agt., Onslow Co., N. C., 1919-22; present position, 1922-. —*b.* Bath, N. C., Mar. 13, 1894; *s.* John Franklin and Rhoda Elizabeth (Oden) L.; reared on farm; *m.* Rosamonde Aline Swain, Feb. 10, 1917; *c.* Altah Ernestine, Dorothy Louise. Student Atlantic Christian Coll., N. C. State Coll.

Lathrop, Frank H., state ent., Clemson Agr. Coll., Clemson College, S. C.

Asst. ent., N. Y. Agr. Exp. Sta., 1915-6; assoc. ent., Ore. Agr. Coll., 1917-22; fellow Crop Prot. Inst., 1922-3; assoc. ent., N. Y. Agr. Exp. Sta., 1923-4; present position, 1924-. Served in U. S. Army, 1918. —*b.* Orangeburg, S. C., July 31, 1891; *s.* Abial and Martha (Heidtman) L.; reared in town; *m.* Beatrice Freer, 1924. B.S., Clemson Agr. Coll., 1913; M.S., Ohio State Univ., 1915; Ph.D., 1923. Sigma Xi; Gamma Alpha.

Lathrop, Frank Waldo, asst. prof. agrl. educ., Univ. Minn., University Farm, St. Paul, Minn.

Instr. agr., Canandaigua Acad., N. Y., 1914-6; instr. agron. and farm manag., State Sch. Agr., Cobleskill, N. Y., 1916-9; present position, 1921-. —*b.* Manchester, Conn., Dec. 5, 1888; *s.* Wm. Waldo and Harriett (West) L.; reared in town; *m.* Lucy B. Avery, Dec. 31, 1914 (d. 1924); *c.* Mary Avery. B.A., Yale Univ., 1911; M.S.A., Cornell Univ., 1914; Ph.D., 1922. Zeta Psi; Alpha Zeta.

Lathrop, William T., sect. dir., Mont. Sect., U. S. Weather Bur., Helena, Mont.

With U. S. Weather Bur., 1899-. Instr. Weather Bur. Sch. Meteorology, Washington, and Signal Corps Sch., Meteorology, Tex., 1918. (Paleoclimatology, trop. meteorology). —*b.* Newport, Ky., June 20, 1878; *s.* John P. and Alice Ann (Webster) L.; *m.* Mabel Kennedy, 1911; *c.* Lee G., Robt. P. Student Yale Univ., 1915-7.

Latta, William Carroll, consulting specialist, Purdue Univ., LaFayette, Ind.

Instr. agr. and supt. farm, Purdue Univ., 1882-3; prof., 1883-1911; present position, 1911-. —*b.* Union Mills, Ind., Mar. 9, 1850; *s.* Robt. S. and Mary (Tumbleson) L.; reared on farm; *m.* Alta E. Wood, July 10, 1879; *c.* Bertha, Robt., Pauline, Mary. B.S., Mich. Agr. Coll., 1877; M.S., 1882.

Laude, Hilmer Henry, assoc. prof. agron., Kans. State Agr. Coll., Manhattan, Kans.

Asst. agron., Kans. State Agr. Coll., 1911-3; co. agrl. agt., Mo., 1913-4; supt. Agr. Exp. Substa., Beaumont, Tex., 1914-8; agron., Tex. Exp. Sta., 1919-20; present position, 1920-. —*b.* Rose, Kans., July 9, 1887; *s.* G. A. and Henrietta (Meyer) L.; reared on farm; *m.* Edna Gertrude Horton, Apr. 16, 1913; *c.* Horton Meyer. B.S., Kans. State Agr. Coll., 1911; M.S., Tex. A. & M. Coll., 1918.

Lauderbach, Elizabeth Michel, home dem. agt., Court House, Chattanooga, Tenn.

Chm. home econ., Tenn. Fed. Women's Clubs; mem. exec. bd., Tenn. Home Econ. Assoc. —*b.* New Orleans, La.; *d.* Jean and Elizabeth (Rickeby) Michel; reared in town and country; *m.* J. B. Lauderbach, 1899; *c.* Alfred Bruce. Student Ga. Tech., Columbia Univ.

Lauman, George Nieman, prof. rural econ., Cornell Univ., Ithaca, N. Y.

Instr. rural econ., Cornell Univ., 1903-5; asst. prof., 1905-9; prof., 1909-. Fellow A. A. A. S. Mem. Amer. comn. to study rural credits in Europe, 1913. —*b.* Pittsburgh, Pa., Feb. 15, 1874; *s.* A. H. and A. M. L. (Havekotte) L.; reared in city; *m.* Frances Addison Wheeler, June 1912; *c.* Frances W., Geo. W., Mary W., Henry W. B.S.A., Cornell Univ., 1897.

Laurence, Albert Frederick, teach. agr., high-sch., Potomoc, Ill.

Teach. agr., America, Minn., 1911-6; Fairmont, 1917-8; agrl. agt. Carver Co., 1918-20; present position, 1922-; farmer, Vermilion Co., Ill., 1921-. —*b.* Paxton, Ill., July 18, 1887; *s.* A. J. and Jennie (Egnell) L.; *m.* Frances Swanson; *c.* Evelyn M., Philip H., Phyllis M. B.S., Univ. Ill., 1911. Alpha Zeta.

Lauritzen, John Irvin, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Utah Agr. Coll., 1913-4; asst. and instr., Cornell Univ., 1915-8; present position, 1918-. Mem. bd. control Botanical Abstracts. (Path. of vegetables). —*b.* Moroni, Utah, July 28, 1884; *s.* Peter and Caroline (Jensen) L.; reared on farm. B.S., Utah Agr. Coll., 1913; Ph.D., Cornell Univ., 1918. Sigma Xi.

La Voi, Delmer H., asst. prof. an. husb., dir. athletics, N. W. Sch. Agr., Crookston, Minn.

Instr. high-sch., Nashwauk, Minn., 1923; present position, 1923-; instr. agr., high-sch., Lamberton, summer 1923. —*b.* Fosston, Minn., Mar. 24, 1901; *s.* D. and Hilda (Hendrickson) L.; reared on farm. B.S.A., Univ. Minn., 1923. Sigma Chi; Alpha Zeta; Gamma Sigma Delta.

Law, James, veterinarian, Ithaca, N. Y.; Feb. 13, 1838-May 10, 1921. See Rus 1920.

Lawrence, Jay Washington, farmer, Coshocton, O.

Breeder of Shorthorn cattle and Percheron horses; exhibitor of agrl. products. Lect. at farmers insts. and farm dem. —*b.* Coshocton Co., O., Mar. 28, 1895; *s.* D. C. and Lulu (Karr) L.; reared in country.

Lawrence, Kenneth Claud, teach. agr., high-sch., Sinclairville, N. Y.

b. Ellington, N. Y., June 14, 1901; *s.* Wight and Inez (Gould) L.; reared on farm. B.S., Cornell Univ., 1924.

Lawritson, Martin Nelson, dairy specialist, Neb. Dairy Development Soc., Univ. Neb., Lincoln, Neb.

Asst. manag. chg. dairy cattle, Park Place Stock Farm, Humphrey, Neb., 1917; instr. dairying, Univ. Neb., 1918-9; asst. prof. chg. official testing, 1919-20; ext. dairy specialist, 1920-4; present position, 1924-. Sec. Neb. State Dairymen's Assoc. —*b.* Grant, Neb.,

Aug. 28, 1894; *s.* Mathew and Caroline (Jorgensen) L.; reared on farm. B.S.A., Univ. Neb., 1919. Alpha Gamma Rho; Alpha Zeta.

Lawson, James Levi, co. agrl. agt., Linden, Ala.

Agrl. rehabilitation asst., U. S. Veteran's Bur., 1923-4; agrl. agt. Marengo Co., 1924-. Served in A. E. F., 1918-9. —*b.* Banks, Ala., May 2, 1897; *s.* A. L. and Emma (Dozier) L.; reared on farm. B.S.A., Ala. Poly. Inst., 1923. Alpha Gamma Rho; Phi Kappa Phi; Gamma Sigma Delta; Alpha Phi Epsilon.

Lawton, Jay Waldemar, co. agrl. agt., Cando, N. D.

Teach. agr., 3 yrs.; formerly co. agrl. agt., Wabasha, Minn.; manag. Underwood Farms, Lake City, Minn. Inventor Lawton seed-corn tester; originated vitality test on corn, 1920; originated movement for farmers coop. cream stations, 1921; inventor radio receiving circuit, 1923. *Auth.*: The Awakening, 1914. —*b.* Viola, Wis., Mar. 7, 1891; *s.* J. W. and Sarah (Saubert) L.; reared on farm; *m.* Mollie Thoreson, July 29, 1916; *c.* Beatrice June, Wanda Geanieve. B.S.A., Univ. Wis., 1914.

Lay, Charles Downing, lands. arch., 101 Park Ave., New York, N. Y.

Town planner, Erie and Butler, Pa. Fellow Amer. Soc. Lands. Arch. *Auth.*: A Garden Book for Autumn and Winter, 1924. —*b.* Newburg, N. Y., Sept. 3, 1877; *s.* Oliver Ingraham and Hester Marian (Wait) L.; reared in city and country; *m.* Laura B. Gill, Oct. 1, 1904; *c.* Oliver I., Alice, David, Geo. C. S.B., Harvard Univ., 1902. Delta Upsilon.

Lay, Stewart Ward, instr. voc. agr., high-sch., Pulaski, N. Y.

Instr. voc. agr., high-sch., Pittsfield, N. H., 1917-8; princ. and instr. voc. agr., high-sch., Delaware City, Del., 1919; prof. agr. State Sch. Sci., Wahpeton, N. D., 1919-20; instr. voc. agr., high-sch., Mexico, N. Y., 1920-4; Pulaski, 1924-. Private U. S. Army, 1918. —*b.* Buffalo, N. Y., Sept. 5, 1894; *s.* Gilbert S. and Hattie E. (Schryver) L.; reared in city; *m.* Evelyn G. Porter, Apr. 20, 1918; *c.* Virginia Jane, Anita Jean. B.S.A., Syracuse Univ., 1917. Theta Alpha.

Lazar, Jamie Tarlton, co. agrl. agt., Whiteville, N. C.

Teach. agr., Wilson Co. Farm Life Sch., N. C. 1915-6; Aulander Farm Life Sch., 1916-8; present position, 1918-. —*b.* Allendale, S. C., July 17, 1889; *s.* H. A. and I. E. L.; reared on farm; *m.* Mary Jordan, May 31, 1915; *c.* Mary Alice, Kathleen. B.S., Clemson Agr. Coll., 1912.

Leach, Benjamin Robert, assoc. ent., U. S. Dept. Agr., Riverton, N. J.

With U. S. Bur. Ent., 1914-. (Soil insecticides). —*b.* Methuen, Mass., Feb. 12, 1892; *s.* J. W. and Ada (Taylor) L.; reared on farm; *m.* Rose A. Weberg, Oct. 7, 1921; *c.* Jeane Ada. B.S., Cornell Univ., 1914.

Leach, Corl E., ed. Milk Goat Journal, Fairbury, Neb.

Pres. Neb. Milk Goat Assoc., 1918-25; pres. Fairbury Chamber of Commerce, 1924. (Milk goats). —*b.* Humphrey, Neb., July 8, 1882; *s.* Riley N. and Mary E. (Linn) L.; reared on farm; *m.* Emilie Segelke, Sept. 18, 1906; *c.* Corl A., Willard, Miriam Joy. D.D.S., Omaha Dental Coll., 1904.

Leach, Julian Gilbert, asst. prof. plant path., Univ. Minn., University Farm, St. Paul, Minn.

Assoc. prof. bot., Colo. Agr. Coll., 1919-20; present position, 1920-. *Ed.*, Phytopathology, 1925-. —*b.* Somerville, Tenn., Nov. 16, 1894; *s.* Wm. H. and Julia Ann (Covington) L.; reared in town; *m.* Margaret Clare Conover, Sept. 15, 1921; *c.* Margaret Ann, Alice Clare. B.S.A., Univ. Tenn., 1917; M.S., Univ. Minn., 1918; Ph.D., 1922. Gamma Kappa Alpha.

Leadbetter, Ruth E., home dem. agt., Oswego, N. Y.

Teach. home econ., high-sch., Lisbon Falls, Me., 1918-9; home dem. agt. Oswego Co., N. Y., 1919-. —*b.* Slatersville, R. I., Apr. 20, 1897; *d.* J. C. and Erodel (Jordan) L.; reared in town. Grad. Drexel Inst., 1918; student Cornell Univ., summer, 1923.

Leadley, Thomas Archibald, manag. ed. The Nebraska Farmer, Lincoln, Neb.

b. Chase, Kans., June 10, 1890; *s.* Allison and Anna Ruth (Leith) L.; reared on farm; *m.* Marie Bumstead, Oct. 24, 1916; *c.* Robt. Allison, Elizabeth Joan. B.S., Kans. State Agr. Coll., 1912. Sigma Alpha Epsilon; Sigma Delta Chi.

Leaming, Stewart, co. agrl. agt., Richmond, Mo.

Agrl. dir., high-sch., St. Peter, Minn., 1912-5; agrl. agt., Nicollet Co., Minn., 1915-7; agt. Jasper Co., Ind., 1917-20; Ray Co., Mo., 1920-. —*b.* Romney, Ind., Aug. 5, 1889; *s.* G. C. and Alice (Stewart) L.; reared on farm; *m.* Florence Johnson, June 12, 1916; *c.* Mary Alice, Robt. Stewart. B.S.A., Purdue Univ., 1912. Alpha Zeta.

Leavitt, Charles Wellford, civil and lands. engin., 18 E. 41st St., New York, N. Y.

Operator Meadow Farm, Hartsdale, N. Y., 1905-. Mem. adv. bd. N. Y. Highway Comn.; city planning adv., Camden, N J.; mem. conf. on utilization of for. products, U. S. Dept. Agr.; past pres. Amer. Inst. Consulting Engin.; vice-pres. N. Y. sect. Amer. Soc. Civil Engin.; mem. exec. bd. Architectural League of N. Y.; mem. exec. com. Nat. Conf. on City Planning. —*b.* Riverton, N. J., Mar. 13, 1871; *s.* Chas. Wellford and Sarah (Allibone) L.; *m.* Clara Gordon White, Sept. 26, 1899; *c.* Gordon, Kent, Charlotte, Dundas.

Leavitt, Edward Townsend, co. agrl. agt., Chelsea, Vt.

Farm ed. Waterloo, Ia., Evening Courier; ed. Ayrshire Digest. In Med. Dept., U. S. Army, 1918-9. —*b.* Cedar Falls, Ia., Aug. 8, 1897; *s.* Roger and Katherine (Townsend) L.; reared in town; *m.* Helen Hodsdon, June 27, 1922. B.S., Ia. State Coll., 1920.

Lechner, Herwegh Joseph, co. agrl. agt., Friday Harbor, Wash.

Special instr. agr., high-sch., Pullman, Wash., 1909-10; princ. rural consolidated sch., Moxee, Wash., 1910-1; instr. agr., high-sch., Tracy, Minn., 1911-3; instr. farm crops, Ia. State Coll., 1913-5; teach. dept. rural schs., State Normal Sch., Ellensburg, Wash., 1915-8; agt. Clatsop Co., Ore., 1918-21; princ. and teach. Smith-Hughes agr., 1921-3; agt. San Juan Co., Wash., 1923-. —*b.* Washougal, Wash., Feb. 13, 1885; *s.* Jos. and Margaret M. (Heilmann) L.; reared on farm; *m.* Anna B. Badger, July 3, 1913; *c.* Burdette Emerson, Eleanor Jane. B.S., A.B., Wash. State Coll., 1910; M.S., Ia. State Coll., 1915.

Le Clerc, Joseph Arthur, grain specialist, Bur. Foreign and Dom. Commerce, Dept. Commerce, Washington, D. C.

Asst. chem., N. Y. Agr. Exp. Sta., Geneva, 1895-1901; chem. in chg. lab. plant chem., Bur. Chem., U. S. Dept. Agr., 1903-19; chief chem., Miner-Hillard Milling Co., Wilkes Barre, 1919-21; special Amer. Trade Commr., to study possibility of increasing the consumption of corn and products of corn in Europe, 1921-2; present position, 1922-. Sec. Amer. Soc. Milling and Baking Tech., 1913-9; pres. Washington sect., Amer. Chem. Soc., 1912. Del. Intern. Congress of Agr., Paris, 1900; mem. jury awards, Paris Expos.; chm. jury awards on cereal products, St. Louis and San Francisco Expos. Mem. Wash. Acad. Sci.; awarded Chevalier du Merite Agricole by French govt. Leader agrl. tour to Europe, 1911; visited Santo Domingo. —*b.* Ware, Mass., May 10, 1873; *s.* J. B. and Lucie (Chicoine) L.; reared in town; *m.* Emma V. Hall, 1895. B.Sc., Worcester Polv. Inst., 1895; Ph.D., Univ. Halle, 1903. Sigma Xi.

Ledyard, Edgar Madison, dir. agrl. dept., U. S. Smelting, Refining and Mining Co., Salt Lake City, Utah.

Princ. and supt. public schs., Perrinton, Durand, Sterling, Mich., 1897-1904; head dept. sci., high-sch., Surigao, P. I., 1904-5; Bulacan, 1905-6; Manila, 1906-8; asst. zool., U. S. S. Albatross, 1908-9; dept. zool. and ent., Univ. Philippines, 1909-14; acting dean Coll. Agr., 1912-3; present position, 1915-. (Agron., ent.). —*b.* Plymouth, Mich., May 10, 1875; *s.* Horace A. and Lany (Forshee) L.; reared in town and country; *m.* Car-

oline A. Stein, 1906. B.S., Univ. Philippines, 1913; M.S.A., Univ. Calif., 1915. Acacia.

Lee, Alfred R., poultryman, Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

b. Wakefield, Mass., July 6, 1887; *s.* Edward E. and Annie (Wheelock) L.; reared in town and on farm; *m.* Esther G. Cristy, June 18, 1913; *c.* Barbara Martha, Richard Everett. B.S., R. I. State Coll., 1909.

Lee, Blanche L., state home dem. leader, Mont. State Coll., Bozeman, Mont.

Superv. home econ., Grand Rapids, Minn., 1918-20; teach. foods, Univ. Minn., summer 1919; asst. home dem. leader, Mont. State Coll., 1920-3; leader, 1923-. Sec. home-makers sect., Amer. Home Econ. Assoc. —*b.* Ia., Oct. 27, 1893; *d.* F. C. and Jennie M. (Woolson) L.; reared on farm. B.S., Univ. Minn., 1918. Phi Upsilon Omicron; Phi Kappa Phi.

Lee, Clarence Edgar, head dept. poultry husb., State Inst. Applied Agr., Farmingdale, N. Y.

Asst. voc. agrl. instr., high-sch., Concord, Mass., 1916-7; instr. voc. agr., 1917-8; dir. voc. agr., high-schs., Worcester, 1918; New Milford, Conn., 1918-20; instr. rural educ., Cornell Univ., 1920-2; instr. poultry, 1922-3; present position, 1923-; lect. poultry husb., Columbia Univ., 1923-. —*b.* Deep River, Conn., Sept. 11, 1893; *s.* Edgar Conklin and Sarah Holmes (Crawford) L.; reared on farm; *m.* Muriel Louise Clark, Oct. 19, 1918; *c.* Daphne Anne. B.S., Conn. Agr. Coll., 1916.

Lee, Jordan Gray, prof. hort., La. State Univ., Baton Rouge, La.

Asst. dir. N. La. Exp. Sta., 1888-96; comn. agr. and immigration, La., 1896-1906; asst. dir. N. La. Exp. Sta., 1906-8; prof. for. and hort., La. State Univ., 1910-8; present position, 1918-. Farmer, Calhoun, La. Trustee Southern La. Ind. Inst., 1899-1904. State comnr. in chg. state exhibits, Buffalo and West India Expos., 1901; mem. and sec. Bd. Comnrs., St. Louis Expos., 1902-4. Vice-pres. La. For. Assoc. and mem. La. For. Adv. Bd., 1916. —*b.* Farmerville, La., Dec. 17, 1863; *s.* John Martin and Mary Jane (Taylor) L.; *m.* Addie E. McGrath Oct. 9, 1889; 2d, Sallie Lane, Oct. 19, 1898. B.S., La. State Univ., 1888. Kappa Alpha.

Lee, Jordan Grey Jr., dir. agrl. educ., La. State Univ., Baton Rouge, La.

Dir. agrl. educ., La. Exp. Sta., 1906-9; Southwestern La. Ind. Inst., 1909-18; present position, 1918-. Farm operator, 1909-19. —*b.* Farmerville, La., Oct. 29, 1885; *s.* H. M. and Emma O. (Lee) L.; reared on farm; *m.* Genevieve Barber, Sept. 6, 1909; *c.* Genevieve, Jordan Grey. B.S., La. State Univ., 1906. Kappa Sigma.

Lee, Leon Frank, teach. agr., high-sch., Newark, N. Y.

Formerly agrl. agt., Cayuga Co., N. Y.; teach. agr., Weedsport. —*b.* Berkshire, N. Y., Aug. 30, 1891; *s.* Frank LaFayette and Bertha J. (Walter) L.; reared on farm; *m.* Myrtle Clement, June 14, 1917; *c.* Marion Evelyn, Donald Robt. B.S.A., Syracuse Univ., 1916.

Lee, Mary Estella, writer and dealer in seeds, plants, coal and feeds, Westerville, O.

Legislative agt., O. Sch. Improvement Fed. and Blendon Grange 10 yrs.; index clerk, Ohio House Representatives, 1921-2; postmaster, 1922-. Sec. O. Republican Land Owner's League. Formerly Grange ed., Farm and Fireside. —*b.* Amesville, O., Jan. 29, 1869; *d.* Eli and Annie Leah (Dean) Brown; reared on farm; *m.* Vernon W. Lee, Oct. 17, 1894. M.A., Ohio State Univ., 1905.

Lee, Ruth Adeline, home dem. agt., Warrensburg, N. Y.

b. Ellisburg, N. Y., Dec. 7, 1896; *d.* Chester L. and Addie E. (Johnston) L.; reared on farm. B.S., Cornell Univ., 1921. Alpha Xi Delta.

Lee, Virgil Porter, prof. agrl. econ., Tex. A. & M. Coll., College Station, Tex.

Head dept. econ. and hist., Thorp Springs Christian Coll., Tex., 1919-20;

present position, 1923-. Served in U. S. Army, 1918-9. (Agrl. finance). — *b.* Hamilton, Tex., May 18, 1891; *s.* Wheeler and Emily (Reed) L.; reared on farm. B.A., Univ. Tex., 1918; M.A., 1919; Ph.D., Univ. Wis., 1923. Lambda Chi Alpha.

Leer, Wayne Everett, state leader barberry eradication, Purdue Univ. Agr. Exp. Sta., LaFayette, Ind.

Teach. high-sch., Ia., 1920; instr. agron., Univ. Md., 1921-2. —*b.* Fairmount, Ind., June 5, 1897; *s.* Samuel and Jennie (Covalt) L.; reared on farm; *m.* Elizabeth Frances Powell, July 15, 1922. B.S.A., Purdue Univ., 1919; M.S., Univ. Ill., 1923. Alpha Zeta; Kappa Delta Pi; Sigma Delta Chi.

Leete, Charles Sidney, assoc. market milk specialist, U. S. Dept. Agr., Washington, D. C.

2d Lieut. Sanitary Corps, U. S. Army, 1917-8. Del. to Worlds Dairy Congress. —*b.* E. Bloomfield, N. Y., Apr. 20, 1892; *s.* Chas. B. and Lina (Southmead) L.; reared in city; *m.* Bessie R. Hellen, Aug. 2, 1919. B.S., Cornell Univ., 1914. Alpha Zeta.

LeFevre, Edwin, sci. asst. in food bact., Bur. Chem., U. S. Dept. Agr., Washington, D. C.

(Fermented foods). —*b.* Carrollton, O., Dec. 31, 1859; *s.* Jacob M. and Annie (Jones) L.; reared in village; *m.* Stella Keplinger, Oct. 31, 1889; *c.* Robt., Edwin K., Benj. A. B.A., Geo. Washington Univ., 1910; M.D., Howard Univ., 1887.

Lefors, William McKinley, teach. voc. agr., high-sch., Gentry, Ark.

2d Lieut. O. R. C., U. S. Army, (An. husb.). —*b.* Gentry, Ark., Nov. 19, 1900; *s.* Frank L. and Lucy G. (Jesse) L.; reared on farm; *m.* Clara D. Spencer, June 4, 1924. B.S.A., Univ. Ark., 1923. Alpha Zeta.

Legg, Andrew Jackson, farmer, Albion, W. Va.

(Soils and fertilizers). —*b.* Nicholas Co., W. Va., Mar. 29, 1861; *s.* Chas. Henderson and Harriet Jane (Grose) L.; reared on farm; *m.* Elizabeth Belle Burdette, Apr. 26, 1899; *c.* Carl B., Ethel J., Bernice, Wm. Cecil, Audra F., Bonny Lee, Edyth, Mabel.

Lehenbauer, Philip Augustus, assoc. prof. biol. and hort., Univ. Nev., Reno, Nev.

Instr. biol., Millikin Univ., Decatur, Ill., 1908-9; asst. bot., Univ. Ill., 1909-11; instr. bot., Ill. Biol. Sta., summer, 1910; asst. prof. bot. and hort., Univ. Nev., 1914-7; asst. prof. plant physiol., Univ. Ill., 1917-22; present position, 1922-. —*b.* Hannibal, Mo., Nov. 1, 1883; *s.* Frederick A. and Mary Elizabeth (Koehler) L.; reared on farm. A.B., Westminster Coll., Fulton, Mo., 1907; A.M., Millikin Univ., 1909; Ph.D., Univ. Ill., 1914. Sigma Xi; Gamma Alpha; Phi Kappa Phi.

Lehmann, Adolf Ludwig Ferdinand, prof. chem., Univ. Alberta, Edmonton, Alta.

Farmer, 1884-7; asst. chem., Ont. Agr. Coll., 1890; asst. chem., Cent. Exp. Farm, Ottawa, 1890-3; chem., Sugar Exp. Sta., New Orleans, 1893-4; lect. chem., Queen's Univ., Kingston, Ont., 1897-8; agrl. chem. in chg. dept. agr., Mysore, India, 1898-1908; res. chem., Ohio Exp. Sta., 1908-9; prof. chem., Univ. Alta., 1909-; prof. soils, 1916-9. Fellow A. A. A. S.; Amer. Chem. Soc.; Chem. Soc., London. Mem. deputation to state of Coorg, India, 1907, Ceylon, 1908. Mem. Assembly, Mysore, India, 1899-1908; Bd. Agr., India, 1905-8. *Assoc. ed.,* Farmers' Advocate, 1888. — *b.* Sparron Lake, Ont., Dec. 22, 1863; *s.* Adelbert L. and Kathinka (Bruch) L.; reared on farm; *m.* Georgina Lovick, Dec. 10, 1898 (d. 1908); 2d, Carry M. Lovick, July 19, 1911; *c.* Ferdinand, Jack, Karl, Mary. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1889; Ph.D., Univ. Leipzig, 1897.

Lehmann, Emil Wilhelm, prof. farm mech., Univ. Ill., Urbana, Ill.

Instr. physics, Tex. A. & M. Coll., 1910-3; instr. agrl. engin., Ia. State Coll., 1914-5; asst. prof., 1915-6; assoc. prof. agrl. engin., Univ. Mo., 1916-9; prof., 1919-20; present position, 1921-. Pres. Amer. Soc. Agrl. Engin., 1922-3.

Auth.: (with Crawshaw) Farm Mechanics, 1922. *Assoc. ed.*, Journal of Agr., 1918-20; agrl. engin. ed., Successful Farming, 1920-1; contr. to American Fruit Grower, 1923-. —*b.* Oldenburg, Miss., Apr. 19, 1887; *s.* Carl A. and Arminia (Vaulkhausen) L.; reared on farm; *m.* Stella Spence, Aug. 5, 1915; *c.* Margaret Louise, Mary Bain, Josephine Spence, Emil Wendell. B.S. in E.E., Miss. A. & M. Coll., 1910; E.E., Tex. A. & M. Coll., 1913; B.S. in A.E., Ia State Coll., 1914; A.E., 1919. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta; Acacia.

Lehmberg, Charles William, co. agrl. agt., Ballinger, Tex.

Princ. Lisner Sch., Seguin, Tex., 1911-3; supt. Navarre Agrl. High-Sch., 1913-7; formerly agrl. agt. Wilson Co. —*b.* Castell, Tex., Apr. 25, 1878; *s.* Louis and Johanna (Dietrich) L.; reared on farm; *m.* Aurora Rabke, Apr. 25, 1907; *c.* Roberta Helen. Grad. S. W. Tex. Normal Coll., 1910.

Leidigh, Arthur Henry, dean agr. and agron., Tex. Tech. Coll., Lubbock, Tex.

Supt. U. S. Dept. Agr. Exp. Farm, Channing, Tex., 1903-5; Amarillo, 1905-8; farmer, Hutchinson, Kans., 1908-11; asst. prof. crops, Kans. State Agr. Coll., 1911-3; agron. in chg. soil improvement, Tex. Agr. Exp. Sta., 1913-23; asst. dir. and agron., 1923-5. (Wheat). —*b.* Hutchinson, Kans., Aug. 14, 1880; *s.* T. F. and Elizabeth (Reed) L.; reared on farm and in town; *m.* Mary Josephine Edwards, June 28, 1911; *c.* Mary E., Katherine L., Edward T. B.S., Kans. State Agr. Coll., 1902; M.S., Tex. A. & M. Coll., 1923. Phi Kappa Phi.

Leighty, Clyde Evert, agron. in chg. eastern wheat invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Grain standardization, Bur. Plant Ind., 1906-9; cereal invests., 1912-; agron. dept., Ill. Exp. Sta., 1905. Visited European corn-receiving ports, 1906. —*b.* Billett, Ill., May 7, 1882; *s.* Geo. H. and Lucretia (Vandermark) L.; reared on farm; *m.* Ollie Edna Harris, Oct. 13, 1908; *c.* Florence Lucretia, Dorothy Lee, Raymond Vandermark. B.A., Ill. Wesleyan Univ., 1904; Ph.D., Cornell Univ., 1912. Sigma Xi; Tau Kappa Epsilon; Phi Kappa Phi.

Leighty, Wilbur Roy, asst. biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. chem., Ill. Agr. Exp. Sta., 1910-3; 1st asst. chem., 1913-6; assoc. chem., 1916-20; present position, 1921-. —*b.* Lawrenceville, Ill., Mar. 31, 1887; *s.* Geo. H. and Lucretia (Vandermark) L.; reared on farm; *m.* Lula Whitesell, Aug. 22, 1912; *c.* Lena Lucile. B.S., Ill. Wesleyan Univ., 1910; M.S., Geo. Washington Univ., 1924. Tau Kappa Epsilon.

Leiper, Thomas E., instr. agr., high-sch., Grand Junction, Colo.

Asst. an. invests., Colo. Exp. Sta., 1916-8; cattle ranch manag., Larkspur, Colo., 1 yr. (Live-stock feeding). —*b.* Denver, Colo., Feb. 7, 1893; *s.* John H. and Fannie (Hardy) L.; reared on farm and in city; *m.* Jennie M. Horn, June 27, 1917; *c.* June Elizabeth. B.S., Colo. Agr. Coll., 1916. Alpha Zeta.

Leith, Benjamin Donald, assoc. prof. agron. and supt. Hill farms, Univ. Wis., Madison, Wis.

b. El Dorado, Wis., Sept. 2, 1875; *s.* Wm. and Margaret (Leith) L.; reared on farm; *m.* Edna Elkinton, 1908; *c.* Donald, Carlton. B.S., Univ. Wis., 1911.

Leker, Edward Henry, co. agrl. agt., Leavenworth, Kans.

Asst. emergency dem. agt., Mo., 1917-8; agt. Jackson Co., Kans., 1918-22; Leavenworth Co., 1923-. —*b.* Irwin, Mo., Sept. 30, 1896; *s.* H. A. and Elizabeth L.; reared on farm; *m.* Mildred H. Woodcock, Oct. 29, 1919; *c.* Jas. Edward. B.S.A., Univ. Mo., 1917.

Leland, Harley Alanson, co. club agt., 182 Main St., Burlington, Vt.

b. Barton, Vt., July 20, 1895; *s.* Herbert H. and Harriet L. (Denninson) L.; reared on farm; *m.* Hazel Irene Gates, June 22, 1920. B.S.A., Univ. Vt., 1920. Alpha Zeta.

LeMay, Sonley Robert, teach. agr. and supt. schs., Athens, Tex.

Supt.-schs. and teach. agr., Grapeland, Tex., 1 yr.; Coolidge, 2 yrs.; Athens, 3 yrs. —*b.* Houston Co., Tex., July 19, 1890; *s.* T. C. and Ida (Hale) L.; reared on farm; *m.* Edward Dorothy Dawes, 1917; *c.* Dorothy Eugenia. L.B.B., Univ. Tex., 1914; B.A., 1916; B.S., Tex. A. & M. Coll., 1922.

Lennox, John Alfred, co. club agt., Delhi, N. Y.

Asst. agrl. agt., Ulster Co., N. Y., 1917; club agt. Otsego Co., 1918-21; Delaware Co., 1921-3, 1924-; estate supt., Morris, N. Y., 1924. Served in U. S. Inf., 1918. —*b.* Glenford, N. Y., Apr. 6, 1896; *s.* Tecumsah Sherman and Sarah Ida (Sagendorf) L.; reared on farm; *m.* Florence Sarah Sprague, Feb. 14, 1922. Special student, Cornell Univ., 2 yrs. Theta Gamma.

Leonard, Lewis Thompson, assoc. physiol., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Soil bact.). —*b.* Academia, Pa., Jan. 23, 1885; *s.* John McCullough and Lydia Barbara (Lauver) L.; reared on farm. B.S., Geo. Washington Univ., 1913; A.B., 1924. Sigma Nu.

Leonard, William Ezekel, prof. econ., Whitman Coll., Walla Walla, Wash.

Prof. social sci., Bellevue Coll., Omaha, Neb., 1902-11; teaching fellow, Univ. Wis., 1911-2; instr. econ., Univ. Tex., 1912-6; present position, 1916-. (Rural problems). —*b.* Ia., Aug. 12, 1865; *s.* Almon and Emma (Ward) L.; reared on farm; *m.* Lillian L. Ramsdell, 1903; *c.* Wm. Ramsdell, Faith Eloise. Ph.B., Grinnell Coll., Ia., 1899; A.M., Univ. Wis., 1912. Phi Beta Kappa.

Leopold, Rev. Father, O. C. R., dir. and prof. hort., Inst. Agricole d'Oka, La Trappe, Que.

Prof. hort., Inst. Agricole d'Oka, 1910-; dir., 1920-. Dir. Que. Soc. of Protection of Plants, 1914-, vice-pres., 1917; dir. Que. Pom. Soc., 1913, and former pres. Del. to Pom. Soc. at Tours, France, 1911. Mem. French Pom. Soc. *Auth.*: La Culture Fruitière dans la Province de Québec, 1915. —*b.* Nassau, Bahama Isls., Jan. 15, 1884; *s.* Enrique Ortiz y Pi and Ada (Black). Educ. Montreal Coll. and in France; ordained priest.

Leslie, William Russell, supt. Dominion Exp. Sta., Morden, Man.

Plant specialist in chg. N. Ont. Plant Breeding Sta., Ft. William, 1917-21; present position, 1921-. —*b.* Saskatoon, Sask., Mar. 26, 1891; *s.* Jas. and Margaret (Mattenley) L.; reared on farm and in town; *m.* Gertrude J. Bruce, Oct. 12, 1920; *c.* Jean, Maureen. B.S.A., Univ. Man., 1916. Gamma Alpha.

Lester, Francis Edward, farmer, Mesilla Park, N. Mex.

With N. Mex. A. & M. Coll., 1891-1909. Pres. Mesilla Valley Nat. Farm Loan Assoc.; ex-pres. N. Mex. State Farm Bur. Fed.; dir. Dona Ana Co. Farm Bur.; chm. bd. control, Rio Grande Farmer, Las Cruces, 1913-4. Pres. Francis E. Lester Co.; pres. Southwestern Motors, El Paso, Tex. —*b.* Penrith, England, Aug. 7, 1868 (naturalized 1890); *s.* Edward and Mary Hannah (Ashby) L.; reared in town; *m.* Margaret Rowntree, Nov. 11, 1893; *c.* Edward Rowntree.

Letourneau, Firmin, ed. Le Bulletin des Agriculteurs, 3 Notre Dame St. E., Montreal, Que.

Formerly prof. ent. and plant path., Inst. Agricole d' Oka, La Trappe. General sec. l'Union Catholique des Cultivateurs de la Province de Que.; dir. Soc. of Que. for Protection of Plants. —*b.* Mont-Louis, Gaspé, Que., Sept. 25, 1891; *s.* Louis and Zöile (Lemieux) L.; reared on farm. Student Inst. Agricole d'Oka, Ont. Agr. Coll., Cornell Univ.

Leukel, Robert Whilmer, assoc. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Sci. asst. cereal invests., U. S. Dept. Agr., 1919-20; asst. path., 1920-4; assoc. path., 1924-. Served in Med. Corps, U. S. Army, World War. —*b.* Brillion, Wis., Oct. 2, 1886; *s.* Jacob and Katherine (French) L.; reared on farm; *m.* Marie Katherine Lottes, Aug. 29, 1923. B.S., Univ. Wis., 1918; M.S., 1921.

Lever, Asbury Francis, congressman, Lexington, S. C.

Mem. S. C. State Legislature, 1900-11; mem. Congress, 1901-19. Mem. Fed. Farm Loan Bd.; mem. bd. trustees, Clemson Agr. Coll. and Newberry Coll. (Agrl. legislation). —*b.* Lexington Co., S. C., Jan. 5, 1875; *s.* A. W. and Elvira (Derrick) L.; reared on farm; *m.* Lucile Scurry Butler; *c.* Mary Catherine, Asbury F. A.B., Newberry Coll., 1895; LL.B., Georgetown Univ., 1899.

Levine, Carl Oscar, assoc. prof. an. husb., Canton Christian Coll., Canton, China.

Farmer, 1914-6; instr. an. husb., Canton Christian Coll., 1916-9; assoc. prof., 1919-. (Live-stock, dairy breeds of water buffalo in Orient). —*b.* Marysville, Kans., Oct. 17, 1887; *s.* Sven P. and Matilda (Johnson) L.; reared on farm; *m.* Edith Elizabeth Folz, Aug. 20, 1919. B.S.A., Kans. State Agr. Coll., 1914; M.S., Ia. State Coll., 1920.

Levine, Darwin Solomon, teach. veg.-gard., high-sch., Flushing, N. Y.

Manag. market-gard., Sherborn, Mass., 1919-20; farm appraiser Jewish Agrl. Soc., 1921; farm adv., 1922; present position, 1923-. —*b.* Paterson, N. J., July 27, 1897; *s.* Michael A. and Esther (Lumiansky) L.; reared on farm; *m.* Edythe Kuntz, Dec. 26, 1922. B.S., Mass. Agr. Coll., 1918. Delta Phi Alpha.

Levine, Max, prof. sanitary and tech. bact. and bact. Exp. Sta., Ia. State Coll., Ames, Ia.

Res. asst., Sewage Exp. Sta., Mass. Inst. of Tech., 1912-3; instr. bact., Ia. State Coll., 1913-4; bact., U. S. Public Health Serv., 1914; asst. prof. bact., Ia. State Coll., 1915-9; assoc. prof. bact., 1919-24; prof. sanitary and tech. bact., 1924-. Capt. Sanitary Corps, U. S. Army, 1918-9. —*b.* Poland, Apr. 4, 1889 (immigrated 1892); *s.* Julius and Rebecca (Mogelson) L.; reared in city; *m.* Adele Dine, Nov. 30, 1911; *c.* Norman Dine, Boris Eugene, Saul Edgar, Melvin Lewis, Thelma Lee. S.B., Mass. Inst. Tech., 1912; Ph.D. State Univ. Ia., 1922.

Levine, Moses Naphtali, assoc. path., U. S. Dept. Agr., 2362 Pierce Ave., St. Paul, Minn.

Field and lab. asst., Minn. Agr. Exp. Sta., June-July, 1915; asst. plant path., Univ. Minn., 1915-7; plant quarantine insp., Fed. Hort. Bd., 1916-7; asst. plant path., Kans. State Agr. Coll. and agt. Bur. Plant Ind., 1917; field asst., Bur. Plant Ind., 1917-9; asst. path., 1919-24; assoc. path., 1924-. (Phytopath., genetics). —*b.* Ludza, Latvia, June 23, 1886 (naturalized 1917); *s.* Naphtali Jacob and Sterne Bryne (Kissin) L.; reared in town; *m.* Ruth Evelyn Berg, July 12, 1919; *c.* Raphael Berg, Clarette Sterne. B.S.A., Univ. Minn., 1915; M.Sc., 1916; Ph.D., 1924. Sigma Xi; Gamma Sigma Delta.

Lewallen, Dick, co. agrl. agt., Huron, S. D.

Prof. agr., high-sch., Mitchell, S. D., 1913-4; formerly co. agrl. agt., De Smet. (An. husb.). —*b.* Beloit, Kans., June 1, 1887; *s.* Chas. A. and Annie (Graham) L.; reared on farm and in city; *m.* Mabel Andrews, Dec. 31, 1916; *c.* Donald Graham. B.S., Kans. State Agr. Coll., 1913. Sigma Alpha Epsilon.

Lewelling, Walter Williams, regional agrl. superv., U. S. Veterans Bur., 5362 Patton Ave., St. Louis, Mo.

Dairy farmer, Mo., 1899-1917; co. agrl. agt., Kirksville, Mo., 1917-20; agrl. rehabilitation asst., U. S. Veterans Bur., Wichita, Kans., 1921; distr. agrl. superv., St. Louis, 1921-4; regional agrl. Superv., 1924-. —*b.* High Hill, Mo., Oct. 16, 1875; *s.* H. G. and Martha Keeler (Turner) L.; reared on farm; *m.* Mary Lee Woods, Sept. 25, 1901; *c.* Evelyn May. B.Agr., Univ. Mo., 1898.

Lewis, Charles David, co. agrl. agt., Pearisburg, Va.

Teach. voc. agr., high-sch., Lawrenceville, Va., and farm manag., 1922. —*b.* Eubank, Ky., Jan. 6, 1900; *c.* John B. and Ida May (Van Fossen) L.; reared on farm; *m.* Louise Gibboney, Oct. 24, 1923. B.S., Va. Poly. Inst.

Lewis, Claude Isaac, organization manag., Ore. Growers Coop. Assoc., Salem, Ore.;

Apr. 12, 1880-Jan. 12, 1924. See Rus 1920.

Lewis, Edward Morgan, acting pres. Mass. Agr. Coll., Amherst, Mass.

Instr. elocution, Columbia Univ., 1901-3; asst. prof. oratory, Williams Coll., 1903-11; instr. elocution, Yale Sch. Religion. 1904-16; asst. dean and prof. literature, Mass. Agr. Coll., 1911-3; dean, 1913-; head dept. languages and literature, 1915-; head div. humanities, 1918-; acting pres., 1920-1, 1924-. Trustee Williams Coll., 1914-. (Literature of country life). —*b.* Machynileth, Wales, Dec. 25, 1872; *s.* John C. and Jane (Davies) L.; reared in town; *m.* Margaret H. Williams, July 1, 1896; *c.* Edward Williams, Gwendolen, John Bascom. B.A., Williams Coll., 1896; M.A., 1899. Phi Gamma Delta.

Lewis, Grover E., co. agrl. agt., Terry, Mont.

Teach. Sugar-Salem high-sch., Ida., 1917; instr. agr., Blackfoot, 1918. —*b.* Malad, Ida., Nov. 9, 1892; *s.* W. D. and Anne (Jones) L.; reared on farm. B.S., Utah Agr. Coll., 1917.

Lewis, Harry Reynolds, farmer, writer, lect., Davisville, R. I.

Prof. poultry husb., Baron de Hirsch Agrl. Sch., Woodbine, N. J., 1907-9; prof. agr., 1909-10; instr. dairy and poultry husb., Rutgers Coll., 1911-4; assoc. prof. poultry husb., 1914-5; prof., 1915-21; poultry husb., N. J. Exp. Sta., 1910-21. Vice-pres. Amer. Poultry Sch.; pres. Nat. Poultry Council; dir. Intern. Baby Chick Assoc.; pres. Co. and State Farm Bur. Fed.; pres. R. I. Agrl. Conference. *Auth.*: Poultry Laboratory Guide, 1910; Productive Poultry Husbandry, 1913; Poultry Keeping, 1915; Poultry Laboratory Manual, 1918; Making Money From Hens, 1919. —*b.* Providence, R. I., Oct. 14, 1885; s. Frank Levitt and Harriett Elizabeth (Reynolds) L.; reared on farm; *m.* Alice Belle Matteson, Dec. 25, 1907; *c.* Harry R. Jr. B.S., R. I. State Coll., 1907; M.Agr., 1916. Phi Kappa Phi; Kappa Sigma.

Lewis, Isaiah Daniel, asst. state boys club leader, Clemson Agr. Coll., Clemson College, S. C.

Princ. public sch., Brent, Ala., 1913-4; asst. 4th Distr. Agrl. Sch., Sylacauga, Ala., 1914-5; princ. jr. high-sch., Woodstock, 1915-7; teach. voc. agr., Chapin, S. C., 1917-22; present position, 1923-. Pres. voc. dept. S. C. State Teach. Assoc., 1920-1. Served in U. S. Army, 1918. —*b.* Blocton, Ala., Oct. 25, 1886; *s.* J. C. B. and Mary Jane (Kornegay) L.; reared on farm; *m.* Mrs. Cecile Gaines Wooster, Apr. 15, 1921; *c.* Virginia Wooster. B.S., Ala. Poly. Inst., 1913; M.S., Cornell Univ., 1923. Phi Delta Kappa.

Lewis, John B., co. agrl. agt., Lawrenceville, Va.

Farmer, Ky., Va., 1903-. —*b.* La Salle Co., Ill., Oct. 9, 1868; *s.* Isaac and Rebecca J. (Garretson) L.; reared on farm; *m.* Ida M. Van Fossen, Apr. 7, 1892; *c.* Merriam G., Leon E., Florence V., Chas. D.

Lewis, Lloyd North, orchard supt. Seabrook Co., Bridgeton, N. J.

2d Lieut. Field Art., U. S. Army; served in A. E. F. —*b.* Brooklyn, N. Y., July 5, 1893; *s.* Adolph C. and Edith G. (Berry) L.; reared in city and country; *m.* Mildred Clarke, Oct. 3, 1924. B.Sc., Rutgers Coll., 1915. Phi Gamma Delta.

Lewis, Lowry Laymon, prof. zool. and vet. sci., Okla. A. & M. Coll., Stillwater, Okla.; Sept. 3, 1869-Sept. 26, 1922. See Rus 1920.

Lewis, Merriam Garretson, co. agrl. agt., Lexington, Va.

From private to 2d Lieut., U. S. Army, 1917-8. —*b.* Eubanks, Ky., June 22, 1893; *s.* John B. and Ida May (Van Fossen) L.; reared on farm; *m.* Gertrude M. Button, July 13, 1918; *c.* Markham Van Fossen, Dorothy Margaret. Student Univ. Ky.

Lewis, Mortimer Reed, assoc. prof. agrl. engin., Univ. Ida., Moscow, Ida.

Chief engin., Wenatchee Park Land and Irrig. Co., Wash., 1912-6; asst. and irrig. engin., Bur. Public Roads, U. S. Dept. Agr., 1916-9; private practice as civil engin., 1919-22; present position, 1922-; acting head of dept., 1924-. —*b.*

Evanston, Wyo., Apr. 11, 1886; *s.* Robt. M. and Sadie Bell (Reed) L.; reared in town and country; *m.* Mary Elizabeth Gunnell, May 24, 1911; *c.* Mortimer R. Jr., David Jordan, Robt. Gunnell, Mary Elizabeth. B.S., Univ. Utah, 1906.

Lewis, Paul M., co. agrl. agt., Miles City, Mont.

Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Milford, Neb., Oct. 9, 1893; *s.* Clarence G. and Elizabeth (Messenger) L.; reared on farm. B.S., Ore. Agr. Coll., 1922. Sigma Phi Epsilon.

Lewis, Sarah Louise, prof. and head Sch. Home Econ., Univ. Nev., Reno, Nev.

Teach., public schs., Calif., 5 yrs.; instr., Ore. Agr. Coll., 1912-5; asst. prof., 1915-7; prof. and head dept. household sci., 1919-20; present position, 1920-. (Foods and cookery). —*b.* Tama, Ia.; *d.* Jas. H. and Emaline (Carmichael) L.; reared on farm. Student Pomona Coll., Calif.; B.S., Columbia Univ., 1919; M.S., 1923. Omicron Nu; Phi Kappa Phi.

Lewis, Victor Wallace, chg. live-stock, dairy and poultry branch, N. C. Div. Markets, Raleigh, N. C.

b. Ala., Dec. 28, 1888; s. J. C. B. and Mary Jane (Kornegay) L.; reared on farm; *m.* Bertha Grover, June 26, 1896; *c.* Janie Belle. Grad. State Normal Sch., Jacksonville, Ala., 1909; B. S., Ala. Poly. Inst., 1913.

Libbey, Donald S., assoc. prof. rural life, Drury Coll., Springfield, Mo.

Instr. rural life, Drury Coll., 1922-3; asst. prof., 1923-4; assoc. prof., 1924-. 2d Lieut. U. S. Army, 1918-9. (Agrl. geography). —*b.* La Plata, Mo., Dec. 27, 1892; *s.* Howard L. and Florence (Smith) L.; reared on farm; *m.* Inez Marie Beiderlinden, Dec. 11, 1922. B.S., Univ. Mo.; M.A., 1922. Sigma Xi; Gamma Sigma Delta; Sigma Phi Epsilon.

Libey, Wade E., teach. voc. agr., high-sch., Angola, Ind.

Teach. voc. agr., high-sch., Garrett, Ind., 1922-4; Angola, 1924-. 1st Lieut. Field Art., U. S. Army, 1918. (An. husb.). —*b.* Pleasant Lake, Ind., Jan. 27, 1900; *s.* John and Lauada (Harpham) L.; reared on farm; *m.* Louise Davis, June 27, 1923; *c.* Jane Ann. B.S.A., Purdue Univ., 1922. Alpha Gamma Rho.

Lill, Joe G., asst. agron., Off. Sugar-Plant Invests., U. S. Dept. Agr., Box 1021, E. Lansing, Mich.

Cooperatively res. asst., Mich. Agr. Coll. Capt. Inf., U. S. Army, 1916-9. —*b.* Kans., May 16, 1889; *s.* Michael and Jo Anna (Grigsby) L.; reared on farm; *m.* Faye M. Hartley, Mar. 2, 1915; *c.* Althea, Robt., Etchison, Melvin. B.S., Kans. State Agr. Coll., 1909; M.S., 1911.

Lillard, Jeremiah Beverley, pres. Sacramento Junior Coll., Sacramento, Calif.

Teach. public schs., Calif., 1899-1901; asst. Leland Stanford Jr. Univ., 1901-2; teach. high-schs., St. Louis, Mo., 1902-7; Los Angeles, 1907-17; princ. Gardena Agrl. High-Sch. and teach. agr., 1910-7; superv. agr. in high and intermediate schs., Los Angeles, July-Oct. 1917; state superv. agrl. educ., 1917-23; prof. agrl. educ., Univ. S. Calif., summer-schs., 1912, 1914; lect. educ., Univ. S. Calif., 1913-7; lect. in agrl. educ., Univ. Calif., summer sessions, 1919-24; present position, 1923-. —*b.* Santa Barbara, Calif., July 28, 1873; *s.* Wm. Thos. and Eliza L. (Hicks) L.; reared on farm; *m.* Helen L. Hoose, June 30, 1908; *c.* Richard Gordon, Elizabeth Helen, Barbara Ruth. A.B., Leland Stanford Jr. Univ., 1899; A.M., Univ. S. Calif., 1911.

Lilley, Leon D., instr. agr., high-sch., Millbury, O.

b. Pulaski, N. Y., May 26, 1898; *s.* Dexter and Elizabeth L.; reared on farm. B.S.A., Syracuse Univ., 1922. Kappa Sigma.

Lillie, Colon C., farmer, Coopersville, Mich.

Pres. Mich. Livestock Insurance Co.; sec.-treas. Mich. Mutual Creamery and Cheese Factory Fire Insurance Co.; pres. Peninsular Fire Insurance Co.; pres. Coopersville State Bank. State

dairy and food comnr.; farmers inst. lect. Dairy ed., Michigan Farmer. —*b.* Lamont, Mich., Jan. 6, 1860; *s.* Joel B. and Sarah (Auger) L.; reared on farm; *m.* Lulia A. Lawton, June 26, 1890; *c.* Dorothy A., Barbara J. Grad. Mich. Agr. Coll.

Lincoln, Murray Danforth, exec. sec., O. Farm Bur. Fed., 199 E. Gay St., Columbus, O.

Agrl. agt., New London Co., Conn., 1914-5; field agt. for Plymouth Co. Trust Co., Brocton, Mass., 1915-7; agrl. field agt., Soc. for Savings, Cleveland, O., 1917-20; present position, 1920-. (Rural credits). —*b.* Raynham, Mass., Apr. 18, 1892; *s.* Minot J. and Helen (Andrews) L.; reared on farm; *m.* Annie S. Hurst, Oct. 9, 1915; *c.* Elizabeth Brett. B.S., Mass. Agr. Coll. Lambda Chi Alpha.

Lindeman, Eduard Christian, prof. social psychology and social philosophy, N. Y. Sch. of Social Work, New York, N. Y.

State leader jr. ext., Mich. Agr. Coll., 1914-8; Y. M. C. A. Coll., Chicago, Ill., 1919; prof. sociol. and community organization, N. C. Coll. for Women, Greensboro, 1920-2. Field sec., Amer. Country Life Assoc. With War Camp Community Serv., 1918-9. Mem. bd. trustees, Nat. Child Labor Com.; adv. council, Amer. Assoc. Social Workers; chm., sect. on ind. and econ. problems, Nat. Conference of Social Work. *Auth.*: The Community, 1921; Social Discovery, 1924. *Ed.,* The Gleaner, 1911-2; assoc. ed., Journal of Social Forces, Journal of Rural Education. (Rural recreation, community organization). —*b.* St. Clair, Mich., May 9, 1885; *s.* Frederick C. and Johanna (Piper) L.; reared in town; *m.* Hazel Charlotte Taft, Aug. 29, 1912; *c.* Doris Elinor, Ruth Christine, Elizabeth Taft, Barbara. B.S., Mich. Agr. Coll., 1911. Alpha Zeta.

Lindgren, Harry Arthur, ext. specialist an. husb., Ore. Agr. Coll., Corvallis, Ore.

Manag. creamery, Elkton, Ore., 1913; supt. John Jacob Astor Branch Exp. Sta., Astoria, Ore., 1914-5; live-stock specialist, U. S. Dept. Agr., Montrose, Colo., 1916-9; assoc. ed. Western Farm Life, Denver, Colo., 1919-20; present position, 1920-. —*b.* St. Cloud, Minn., Nov. 17, 1888; *s.* A. John and Eva Sophia (Munson) L.; reared on farm; *m.* Elsie Levell Woodruff, June 5, 1913; *c.* Emily, Marian, Margaret. B.S., Ore. Agr. Coll., 1911.

Lindquist, Ruth M., asst. prof. home econ., Ia. State Coll., Ames, Ia.

Teach. high-sch., Fulda, Minn., 1916-7; Duluth, 1917-8; instr. home econ., Univ. Minn., 1918-23; present position, 1923-. —*b.* Dundee, Minn., Oct. 21, 1895; *d.* Frank David and Rosa May (Gallagher) L.; reared in town. B.S., Univ. Minn., 1916; M.A., Univ. Chicago, 1922. Phi Upsilon Omicron.

Lindsey, Joseph Bridgeo, prof. chem. and vice-dir. and chem. Exp. Sta., Mass. Agr. Coll., Amherst, Mass.

Chem., L. B. Darling Fert. Co., Pawtucket, R. I., 1885-9; assoc. chem., Mass. Exp. Sta., 1892-5; expert in chg. dept. foods and feeding, 1895-1907; vice-dir. and chem., 1907-; head dept. chem. and prof. agrl. chem., Mass. Agr. Coll., 1911-. (An. nutr.). —*b.* Marblehead, Mass., Dec. 26, 1862; *s.* Joseph W. and Emily (Blaney) L.; reared in town; *m.* H. Frances Dickinson, June 20, 1888; *c.* Joseph B. Jr., Amy B. B.Sc., Mass. Agr. Coll., 1883; Ph.D., Univ. Goettingen, 1892.

Lindstrom, Ernest W., prof. and head genetics, Ia. State Coll., Ames, Ia.

Asst. plant-breeding, Cornell Univ., 1914-7; invest., N. Y. state bean invests., 1917; asst. prof. genetics, Univ. Wis., 1919-22; present position, 1922-. 2d Lieut. Air Serv., U. S. Army, 1917-9. —*b.* Chicago, Ill., Feb. 5, 1891; *s.* E. and Mary (Tranell) L.; reared in city. A.B., Univ. Wis., 1914; Ph.D., Cornell Univ., 1917. Sigma Xi; Beta Theta Pi; Gamma Alpha; Alpha Zeta; Phi Kappa Phi.

Linfield, Frederick B., dean Mont. State Agr. Coll. and dir. Exp. Sta., Bozeman, Mont.

Asst. dairying, Ont. Agr. Coll., 1892-3; prof. an. husb. and dairying, Utah

Agr. Coll., 1893-1902; prof. agr., Mont. State Coll., 1902-; dean Coll. Agr., 1913-; dir. Exp. Sta., 1903-. —*b.* Twillingate, Newfoundland, July 16, 1866 (naturalized 1908); *s.* Samuel and Rachel (Patten) L.; reared on farm; *m.* Mary A. Mahoney, Dec. 26, 1892; *c.* Bertil, R. Azalea, Leila M. B.S.A., Toronto Univ., 1891.

Linford, James Henry, dir. summer session and supt. correspondence study dept., Utah Agr. Coll., Logan, Utah.

Supt. distr. schs., 1890-1; prof. zool. and bot., Brigham Young Coll., 1892-1912; pres. Brigham Young Coll., 1900-13; present position, 1913-. —*b.* Centerville, Utah, Aug. 27, 1863; *s.* Jas. Henry and Zillah (Crockett) L.; reared on farm; *m.* Mary Hooper Blood, Feb. 24, 1892; *c.* Jas. Blood, Wm. Blood, Maurice Blood, Leon Blood, Hooper, Zilla, Henry B. B.S., Brigham Young Coll., 1898; D.Did., L.D.S., Church Bd. Educ.

Lininger, Fred Fouse, dir. Morrison Cove Voc. Sch., Martinsburg, Pa.

Agrl. agt. Mercer Co., Pa., 1917-8; farmer, Blair Co., 1918-20; superv. agr., Morrison Cove Voc. Sch., 1920-3; dir., 1923-. (Agrl. econ.). —*b.* Drab, Pa., July 29, 1892; *s.* Levi and Mary (Fouse) L.; reared on farm; *m.* Mildred Tobias, Apr. 9, 1917; *c.* Fred Tobias, Jean Lois. B.S., Penn. State Coll., 1917. Alpha Zeta; Phi Kappa Phi.

Link, George Konrad Karl, assoc. prof. plant path., Univ. Chicago, path., cotton and truck disease invests., Bur. Plant Ind., U. S. Dept. Agr., Chicago, Ill.

Asst. bot., Kans. State Agr. Coll., 1910; adj. prof. agrl. bot., Univ. Neb., 1911-3; asst. prof., 1913-4; assoc. prof., 1914-7; prof. plant physiol., 1917-8; path., U. S. Dept. Agr., 1918-; assoc. prof. plant path., Univ. Chicago, 1924-. Fellow A. A. A. S. —*b.* Mt. Clemens, Mich., Mar. 14, 1888; *s.* Geo. and Frederica (Mohr) L.; reared in town; *m.* Adeline M. De Sale, June 21, 1918. S.B., Univ. Chicago, 1910; A.M., Univ. Neb., 1912; Ph.D., Univ. Chicago, 1916.

Linnard, Kenneth C., instr. voc. agr., high-sch., Hillsboro, O.

(Poultry husb.). —*b.* Princeton, Ill., July 15, 1900; *s.* August and Caroline L.; reared on farm; *m.* Dorothy E. Shreffler, June 10, 1922; *c.* Walter Wayne. B.S., Univ. Ill., 1923. Alpha Zeta; Alpha Tau Alpha.

Linney, Charles Edward, meteorologist, U. S. Weather Bur., Santa Fe, N. Mex.

Dir. Ill. climate and crop serv., 1894-1902; N. Mex., 1904, 1924-; fruit farmer, Grand Junction, Colo., 1910-24. (Agrl. climatology). —*b.* Clinton Co., Ia., Apr. 26, 1867; *s.* Edward and Sophia (Betzner) L.; reared in town; *m.* Abbie Moore, June 1898; 2d Frederica Ahlstran, Oct. 1910; 3d Jean Cumming, Oct. 1924; *c.* Dorothy A., Edward M. B.L., Lake Forest Univ., 1898.

Linthicum, Walter R., co. agrl. agt., Spotsylvania, Va.

b. Md., Nov. 10, 1869; *s.* Fred and Mary E. (Hodges) L.; *m.* Nettie M. Rice, Sept. 2, 1893.

Linton, Robert S., asst. prof. agrl. educ., Mich. State Coll., E. Lansing, Mich.

Teach. agr., high-sch., Owosso, Mich., 1916-24; present position, 1924-. Pres. Soc. for Promotion of Agrl. Educ., 1921; chm. agrl. div., Mich. State Teach. Assoc., 1919. —*b.* Otsego, Mich., Oct. 24, 1893; *s.* John S. and Georgiana (Bailey) L.; reared in town; *m.* Opal Holloway, Jan. 31, 1914; *c.* Robt. Jr., Julian Holloway. B.S., Mich. Agr. Coll., 1916. Delta Sigma Phi.

Linville, J. S., tobacco specialist, W. Va. Dept. Agr., Alkol, W. Va.

b. Lincoln Co., W. Va., Sept. 25, 1885; *s.* H. A. and Tabitha (Whitten) L.; reared on farm; *m.* Myrtle May Clark, Dec. 21, 1911; *c.* Orpha Glenna, Gladys May.

Lipman, Charles Bernard, prof. plant nutr., Univ. Calif., Berkeley, Calif.

Goewey fellow, Univ. Calif., 1908-9; instr. soil bact., 1909-10; asst. prof. soils, 1910-2; assoc. prof. soils, 1912-3; prof. soil chem. and bact., 1913-21; prof. plant nutr., 1921-; dean Grad. Div.,

1923. Fellow A. A. A. S. Chm. ed. com., Univ. Calif. and Exp. Sta. Adv. ed., Journal of Bacteriology and Soil Science. —*b.* Russia, Aug. 17, 1883 (naturalized 1892); *s.* Michael and Ida (Birkhahn) L.; reared on farm. B.Sc., Rutgers Coll., 1904; M.Sc., 1909; M.S., Univ. Wis., 1909; Ph.D., Univ. Calif., 1910. Sigma Xi; Alpha Zeta.

Lipman, Jacob Goodale, dean agr. and dir. N. J. Exp. Sta., Rutgers Coll., New Brunswick, N. J.

Asst. chem., N. J. Exp. Sta., 1898-9; soil chem. and bact., 1901-; instr. agrl. chem., Rutgers Coll., 1902-6; asst. prof., 1906; assoc., 1906-7; prof. soil chem. and bact., 1907-13; prof. agr., 1913-; dean of agr., 1915-; dir. N. J. Exp. Sta., 1911-. Lect. farmers insts., 1902-. Farmer, N. J., 1891-4; dir. coll. farm, 1911-. Fellow A. A. A. S. Chm. fert. com., Nat. Res. Council; special invest., Nitrate Div., U. S. Dept. Agr.; pres. Intern. Soc. Soil Sci., 1924-7; pres. 5th Intern. Congress of Soil Sci., Washington, 1927. *Auth.*: Bacteria in Relation to Country Life, 1908; (with P. E. Brown) Laboratory Guide on Soil Bacteriology, 1912; chapters on soils, Marshall's Microbiology, 1912; contr. to Book of Rural Life. *Ed.*-in-chief, Soil Science; asst. ed., Journal American Society of Agronomy; assoc. ed., Journal Agrl. Research, Annales sciences agronomique, Pennsylvania Farmer; ed. John Wiley Sons, series agrl. sciences. (Soil microbiol., commercial fertilizers). —*b.* Friedrichstadt, Russia, Nov. 18, 1874 (immigrated 1888); *s.* Michael and Ida (Birkhahn) L.; *m.* Cecelia Rosenthal, 1902; *c.* Leonard Herzl, Edward Voorhees, Daniel Hilgard. B.Sc., Rutgers Coll., 1898; A.M., Cornell Univ., 1900; Ph.D., 1903; hon. D.Sc., Rutgers Coll., 1923. Sigma Xi; Phi Beta Kappa; Phi Gamma Delta.

Lippincott, William Adams, prof. poultry husb., Univ. Calif., University Farm, Davis, Calif.

Asst. prof. an. husb. in chg. poultry, Ia. State Coll., 1911-2; prof. poultry husb., Kans. State Agr. Coll., 1912-23; present position, 1923-. Sec. Intern. Assoc. of Poultry Instrs. and Invests. *Auth.*: Poultry Production, 1914. (Poultry genetics). —*b.* Jacksonville, Ill., July 3, 1882; *s.* Julian P. and Clara (Adams) L.; reared in town; *m.* Florence Humphreys, Aug. 25, 1908; *c.* Dorothy Adams, Wm. Julian. A.B., Ill. Coll., 1903; B.S., Ia. State Coll., 1911; M.S., Univ. Wis., 1917; Ph.D., 1920. Sigma Xi; Phi Kappa Phi; Sigma Nu; Alpha Zeta; Gamma Sigma Delta.

Lipscomb, James Napoleon, prof. agrl. econ. and dean agr., Miss. A. & M. Coll., Agricultural College, Miss.

Agrl. agt. Greenbrier Co., W. Va., 1915-7; Hinds Co., Miss., 1918-9; cotton and dairy farmer, 1920. —*b.* Mashulaville, Miss., July 3, 1888; *s.* Hiram and Jane (Holmes) L.; reared on farm; *m.* Ethel Dorroh, Oct. 1916; *c.* Laura Jane. B.S., Miss. A. & M. Coll., 1910; M.S., Univ. Wis., 1915.

Lisse, Martin William, asst. prof. biophysical chem., Penn. State Coll., State College, Pa.

Teach. fellow, Univ. Wash., 1914-6; instr., Northwestern Univ., 1916-7; present position, 1917-. —*b.* Bridgeton, N. J., June 2, 1891; *s.* H. F. F. and Martha (Hornig) L.; reared in city; *m.* Mary Parks, Dec. 30, 1919; *c.* Mary Louise, Miriam Martha. B.S., Penn. State Coll., 1914; M.S., Univ. Washington, 1916. Sigma Xi; Phi Kappa Phi.

Little, Everette Allen, ed. Bean-Bag and Pea Journal, Bauch Bldg., Lansing, Mich.

Ed., Amherst, O., New-Times, 3 yrs.; Bean-Bag and Pea Journal, 5 yrs. *Auth.*: The Country Publisher, 1917. (Bean marketing). —*b.* Oregon, Ill., Oct. 8, 1888; *s.* John W. and Kate E. (Fish) L.; reared in town; *m.* Nan Lightner, 1910; 2d, Nettie Shelp, 1917; *c.* John Lawrence, Allen Wilbur.

Little, Harold B., co. agrl. agt., Convention Hall, Saratoga Springs, N. Y.

Asst. state club leader, N. H., 1917-8; co. agrl. agt., Vt., 1919-20; N. Y., 1921-. —*b.* Colebrook, N. H., July 23, 1892; *s.* Herbert S. and Jessie M. (Morin) L.; reared on farm; *m.* Rebe Gray Young, Oct. 1, 1921. B.S., Univ. N. H., 1917. Theta Chi.

Littleworth, Frederick Charles, instr. voc. agr., high-sch., Danielson, Conn.

Foreman Brass Rolling mills, Ont., 4 yrs. Served in U. S. Army, 1917-9. Traveled in Europe, Africa, Malta. (Poultry). —*b.* Deal, Kent, England, Apr. 8, 1894 (naturalized 1917); *s.* Chas. and Minnie (Coggins) L.; reared in town and on farm; *m.* S. K. Aitken, 1920. Student Harrow Coll., England, 1 yr.; B.S., Conn. Agr. Coll., 1924. Alpha Gamma Rho.

Lively, Charles Elson, asst. prof. rural sociol., Ohio State Univ., Columbus, O.

Instr. sociol., Univ. Minn., 1919-21; present position, 1921-. —*b.* Board Tree, W. Va., Sept. 29, 1890; *s.* Milton A. and Susie Jane (Riggs) L.; reared on farm and in village; *m.* Ethel Dell Johnston, Sept. 21, 1918. A.B., Univ. Neb., 1917; A.M., 1918. Phi Delta Kappa.

Livermore, Kenneth C., seed-grower, Quaker Hill Farm, Honeoye Falls, N. Y.

Instr. farm crops and farm manag., Cornell Univ., 1909-12; asst. prof. farm manag., 1912-3; prof., 1913-20. Farmer, 1914-7, 1920-. Pres. Empire State Potato Growers Coop. Assoc., Inc., 1921-4; pres. Rochester Nat. Farm Loan Assoc., 1923-. *Auth.*: (with Warren) Laboratory Exercises in Farm Management. —*b.* Watertown, Mass., Jan. 3, 1886; *s.* Chas. E. and Caroline B. (Russel) L.; reared in town; *m.* Madeleine S. Avery, June 18, 1914; *c.* Ray Carter, Avery Russell. B.S.A., Cornell Univ., 1909. Sigma Xi; Alpha Zeta.

Livingston, George, marketing specialist, Cosmos Club, Washington, D. C.

Instr. farm crops, Ia. State Coll., 1910; asst. agron., Ohio State Univ., 1910-1; asst. prof., 1911-4; acting chief dept. agron. and assoc. agron. Exp. Sta., 1914-5; asst. in grain marketing, Bur. Markets, 1915-6; specialist, 1916-9; acting chief, 1919; chief, 1920-1. Traveled in Germany, Denmark, 1914. *Auth.*: Laboratory Manual of Cereals and Forage Crops, 1913, revised in colaboration with F. W. Stemple, 1915; Field Crop Production, 1914. —*b.* Union City, O., Sept. 14, 1886; *s.* Adam and Mary Jane (Thomas) L.; reared on farm; *m.* Inez Van Sickle, June 7, 1911; *c.* Mary Jane, Robt. J. B.S., Ohio State Univ., 1909; grad. student, Cornell Univ., 1913; Halle, 1914. Alpha Zeta.

Livingston, Laurence Fuller, specialist agrl. engin., Mich. State Coll., Court House, Marquette, Mich.

Chg. land clearing invest., Univ. Wis., 1917. 1st Lieut. Engin. World War. —*b.* Columbus, O., Dec. 3, 1889; *s.* Wm. Donnan and Grace (Fuller) L.; reared on ranch; *m.* Clare Gillis, Dec. 25, 1919; *c.* Richard Donnan. B.S., Univ. Wash., 1914. Tau Beta Phi; Phi Gamma Delta.

Lloyd, Edward Read, dir. Bur. Farm Development, Chamber of Commerce, Memphis, Tenn.

Agrst., Miss. Exp. Sta., 1888-90; vice-dir. and agrst., 1890-1900; prof. agr., Miss. A. & M. Coll., 1900-5; dir. farmers insts., 1905-10; dir. ext. and Exp. Sta., 1910-9; present position, 1919-. —*b.* Auburn, Ala., Mar. 10, 1867; *s.* W. E. and Susan T. (Read) L.; reared on farm; *m.* Fannie A. Bell, Dec. 18, 1890; *c.* Edward R. Jr., Loui. B.S., Ala. Poly. Inst., 1886; M.S., 1888. Alpha Tau Omega.

Lloyd, James Henry, co. agrl. agt., Carthage, Ill.

Prof. agr., William & Vashti Coll., Aledo, Ill., 1911-4; instr. crops dept., Purdue Univ., 1914-6; agrl. agt. Hancock Co., Ill., 1916-. Sec.-treas. Hancock Co. Livestock Breeders Assoc. (Live-stock). —*b.* Girard, Ill., Sept. 3, 1889; *s.* Wm. H. and Mary Elizabeth (Myers) L.; reared on farm; *m.* Bernice Ruth Peters, July 31, 1913; *c.* Jas. Henry Jr. B.S.A., Univ. Ill., 1911. Sigma Pi.

Lloyd, John William, prof. olericulture and chief in olericulture, Univ. Ill., Urbana, Ill.

Instr. hort., Univ. Ill., 1899-1902; instr. olericulture, 1902-3; asst. prof., 1903-9; assoc. prof., 1909-11; prof. and chief, 1911-. *Auth.*: Productive Vegetable Growing, 1914; Cooperative and

Other Organized Methods of Marketing California Horticultural Products, 1919; Studies in Horticulture, 1924. —*b.* St. Charles, Ill., Feb. 19, 1876; *s.* Wm. B. and Alice (Taylor) L.; reared on farm; *m.* Margaret Widdis, June 30, 1909. B.S., Wheaton Coll., Ill., 1897; B.S.A., Cornell Univ., 1899; M.S.A., 1903; Ph.D., Univ. Calif., 1917. Sigma Xi.

Lloyd, Lester William, farmer, Suffield, Conn.

Teach. Bristol Co. Agrl. Sch., 1916-7; co. agt., Newport, 1917-8; formerly specialist in dairy cattle, R. I. State Coll. In U. S. Army, 1918. Traveled in Europe, 1914. —*b.* Blandford, Mass., Sept. 4, 1890; *s.* Virgil Lester and Isabell I. (Heady) L.; reared on farm; *m.* Grace Lillian Rieckel, Mar. 3, 1918. B.S., R. I. State Coll., 1916. Theta Chi.

Lloyd, Orson Gunnell, head dept. farm manag. and rural econ., Purdue Univ., LaFayette, Ind.

Asst. chief farm manag., Ia. State Coll., 1913-7; assoc. prof., 1917-20; present position, 1920-. Chm. transportation com., Nat. Assoc. of State Marketing Officials, 1924. *Auth.*: Farm Leases in Iowa, 1915; Land Values in Iowa, 1920. —*b.* Wellsville, Utah, Jan. 8, 1884; *s.* Joseph Benj. and Martha Ann (Gunnell) L.; reared on farm; *m.* Ella Winona Jenson, Nov. 28, 1918. B.S., Utah Agr. Coll., 1910; M.S.A., Univ. Wis., 1912. Gamma Sigma Delta; Alpha Gamma Rho.

Lloyd, Walter Hammilton, ed. The Ohio Farmer, Cleveland, O.

Farm manag., Dodge Mfg. Co., Mishawaka, Ind., 1918; asst., Purdue Univ. Exp. Sta., 1919; assoc. ed. The Ohio Farmer, 1920-2; ed., 1922-. Served in Signal Corps, U. S. Army, 1918-9. —*b.* Chicago, Ill., Apr. 29, 1896; *s.* Walter H. and Ida M. (Reily) L.; reared on farm; *m.* Lorraine Fort Hughes, Aug. 11, 1917; *c.* Hugh Wm., Margaret Lorraine, Lorraine Margaret. B.S.A., Purdue Univ., 1918. Alpha Gamma Rho; Alpha Zeta; Sigma Delta Chi.

Lloyd, William Allison, regional agt. in chg. ext. work in eleven western states, Ext. Serv., Off. of Sec., U. S. Dept. Agr., Washington, D. C.

Ed. Victoria Advocate, Victoria, Tex., 1895-6; lawyer, Georgetown, Tex., 1896-1901; farmer and stockman, O., 1901-9; exp., Ohio Exp. Sta., 1909-13; agrst. in chg. co. agt. work, States Relations Serv., U. S. Dept. Agr., 1913-22; present position, 1922-. Contr. to Book of Rural Life. (Agrl. hist.). —b. Sparta, O., Sept. 9, 1870; *s.* Jas. J. and Maria (Ulery) L.; reared on farm; *m.* Minnie Rutherford; *c.* Leonila Marie. B.S., Nat. Normal Univ. Tex., 1890; M.S., 1891; law student Univ. Tex., 1893-4.

Lloyd, Wylie Everette, asst. prof. poultry husb., Univ. Calif., Davis, Calif.

Farmer and poultryman, Loreley, Md., 1911-3; asst., Univ. Calif., 1913-9; instr., 1919; asst. prof., 1919-. —*b.* New Cumberland, W. Va., Dec. 25, 1881; *s.* Walter C. and Josephine (Wylie) L.; reared in town. B.S.Agr., W. Va. Univ., 1911.

Lloyd-Jones, Orren, dir. Sippy Farms, Biteley, Mich.

Asst. prof. an. husb., Ia. State Coll., 1913-4; assoc. prof. in chg. invests. in an. breeding and genetics, 1914-7; drainage and development of muck lands, 1917-. —*b.* Hillside, Wis., Sept. 16, 1885; *s.* Enos and Eleanor (Lloyd-Jones); reared on farm; *m.* Lucina Langworthy Carr, 1913. B.S., Univ. Wis., 1908; M.S., 1911; Ph.D., 1913. Sigma Xi; Alpha Zeta; Gamma Alpha; Kappa Phi Gamma.

Lochhead, Allan Grant, agrl. bact., Dominion of Canada Dept. Agr., Ottawa, Ont.

Lect. Macdonald Coll., 1919; bact. and chem., Canadian Milk Products, Ltd., Toronto, 1919-21; chem., Malt Products Co. of Canada, 1921-2; lect. biochem., Univ. Alta., 1922-3; present position, 1923-. —*b.* Galt, Ont., June 21, 1890; *s.* Wm. and Lilias (Grant) L.; reared in town; *m.* Helen Van Wart, 1919; *c.* Douglas. B.A., McGill Univ., 1911; M.Sc., 1912; Ph.D., 1919, Univ. Leipzig, 1919. Epsilon Phi.

Lochry, Harry Ream, asst. dairy manufacturing specialist, U. S. Dept. Agr., 318 Federal Bldg., Salt Lake City, Utah.

Foreman creamery, Afton, Wyo., 1914; instr. dairying, Purdue Univ., 1915-7; with Bur. An. Ind., U. S. Dept. Agr., 1919-24; Bur. Dairying, 1924-. Sergeant Q. M. C., U. S. Army, 1917-8. (Cheese). —*b.* Franklin, Ind., Sept. 4, 1886; *s.* Henry Edward and Lillie Agnus (Ream) L.; reared on farm; *m.* Marie A. Pazandak, Sept. 2, 1921; *c.* Robt. Ream, Roger Glen. B.S.A., Purdue Univ., 1913. Phi Delta Theta.

Locklin, Harrison Duane, hort., W. Wash. Exp. Sta., Puyallup, Wash.

Instr. hort., Milwaukee Co. Sch. Agr., Milwaukee, Wis., 1915-6; instr. hort., Ore. Agr. Coll., 1916-7; chief deputy state hort., Colo. State Dept. Hort., and asst. hort. Colo. Agr. Exp. Sta., 1919-23; present position, 1923-. Served in U. S. Navy, 1917-9. (Pom.).—*b.* Lynden, Kans., Aug. 24, 1891; *s.* H. D. and Luella (Johnson) L.; reared in town and on farm. B.S., Wash. State Coll., 1914; M.S., 1915. Alpha Zeta.

Lockwood, Allen Farnham, teach. agr. and princ. Union Acad., Belleville, N. Y.

Instr. agr., high-sch., Hannibal, N. Y., 1917-8; Chateaugay, 1919-22; present position, 1922-. 2d Lieut. Field Art., U. S. Army, 1918-9. —*b.* Fulton, N. Y., Oct. 24, 1893; *s.* Cade Smith and Kittie B. (Farnham) L.; reared on farm; *m.* Annabell Ellers, May 31, 1918; *c.* Allen Ellers, Leonard Berton. B.S., Cornell Univ., 1919. Alpha Gamma Rho.

Lockwood, A. T. Stewart, assoc. ent., U. S. Dept. Agr., Box 1094, Billings, Mont.

Sugar-beet farmer, 1916-8; with U. S. Bur. Ent., 1918-9; ext. specialist ent., N. D. Agr. Coll., 1919-20; present position, 1920-. Mem. Intern. N. W. Com. on Insect Pests, 1920-. (Control of grasshoppers). —*b.* Richmond, Kans., Sept. 21, 1892; *s.* A. O. and Nora (Stewart) L.; reared in town; *m.* Carrie E. Schelde, Jan. 17, 1919; *c.* Phyllis Carolyn, Jeane Schelde. A.B., Baker Univ., 1917.

Lockwood, Stephen Roy, princ. and teach. agr., high-sch., Hannibal, N. Y.

Teach., rural schs., 1894-8; princ. Hannibal high-sch., 1900-; organizer and teach. agr., 1908-; poultryman and fruit-grower, 1907-. Del. to Dairymens League, Jersey City, 1918-9; N. Y. State Grange, 1920. Mem. com. on nature-study and agr., N. Y. State Educ. Dept.; mem. com. rural schs., N. Y. State Grange; pres. Oswego Co. Teach. Assoc., 1921-2; pres. N. Y. State Agrl. Principals and Teachers Assoc., 1922-3. —*b.* Hannibal, N. Y., Mar. 27, 1877; *s.* Galusha Jefferson and Deliah Ann (Stark) L.; reared on farm; *m.* Marietta Harris, Aug. 14, 1901; *c.* Maurice G., Robt. R., Harris C., Fred S., Frank G. Grad. Oswego State Normal, 1900, 1906; B.S., Syracuse Univ., 1922.

Lockwood, William Penn Bignell, prof. dairying, Mass. Agr. Coll., Amherst, Mass.

In commercial dairy work, market milk and condensed milk, 1899-1908; asst. prof. dairying, Mass. Agr. Coll., 1908-10; assoc. prof., 1910-3; prof., 1913-; head dept., 1912-. Sec. Mass. Dairymens Assoc.; sec. Mass. Creamery Assoc.; sec. and manag. dir. New England Dairy and Food Council, 1921; exec. sec. New England Assoc. Ice Cream Manufacturers, 1922. *Assoc. ed.,* Dairy Science Journal, 1917. (Market and condensed milk). —*b.* Millvillage, Pa., Dec. 2, 1875; *s.* Amos M. and Accty C. (Gregory) L.; reared in town; *m.* Mabel Duyckinck, Sept. 5, 1906; *c.* Emily Correll, Jean Horton, Aaron L. D. B.Sc., Penn. State Coll., 1899; M.Sc., 1909. Alpha Zeta; Kappa Sigma.

Lodge, Fred G., teach. agr., high-sch., Flemington, N. J.

Superv. agr., Lake Voc. Sch., 1916-8. Served in U. S. Army, World War.—*b.* Crystal Springs, Pa., May 7, 1890; *s.* Elliott H. and Emma M. (Hanks) L.; reared on farm; *m.* May S. Smith, June 20, 1923. B.S., Univ. Md., 1916; M.S., Penn. State Coll., 1920.

Loeffel, William John, assoc. prof. an. husb., Univ. Neb., Lincoln, Neb.

b. St. Louis, Mo., Aug. 31, 1894; *s.* Wm. C. and Ida L. (Schoenthaler) L.;

reared on farm and in city; *m.* Hazel J. Baer, Aug. 12, 1919; *c.* Wm. C., Edwin J. B.S.A., Univ. Mo., 1917. Gamma Sigma Delta.

Loesch, Richards Llewellyn, rancher and stockman, Pahgre Valley Ranch, Montrose, Colo.

Pres. Montrose Co. Farm Bur., 1920; pres. Montrose Live-stock Health Protective Assoc.; dir. Colo. State Dairy Council; pres. Montrose Potato Growers Coop. Assoc., 1923-4. (Holstein cattle). —*b.* Chicago, Ill., May 3, 1883; *s.* Frank J. and Lydia (Richards) L.; reared in city; *m.* Margaret Johnson, Dec. 5, 1914; *c.* Margaret Winifred, Richards L. Jr., Buchanan, Franklin Christian. B.S., Univ. Wis., 1907.

Loesell, Clarence M., teach. voc. agr., Middleton Township High-Sch., Leonardo, N. J.

Teach. agr., high-sch., Otsego, Mich., 1916-8; teach. voc. agr., Hopewell Township High-Sch., Shiloh, N. J., 1919-21; grad. asst. rural educ., Cornell Univ., 1921-2; present position, 1922-. Sergeant Med. Dept., U. S. Army, 1918-9. —*b.* Reese, Mich., Oct. 9, 1892; *s.* A. J. and Elizabeth (List) L.; reared on farm; *m.* Emma F. Salogga, Dec. 23, 1918; *c.* Russell Wallace, Kathryn Jane. B.Sc., Mich. Agr. Coll., 1916; M.S.A., Cornell Univ., 1922. Phi Delta Kappa.

Logan, Eugene Adolphus, field agt., U. S. Bur. Crop Estimates, Columbia, Mo.

Statistical expert, U. S. Bur. Labor, 20 yrs.; compiler Wholesale Price, 10 yrs. Sec. Mo. Crop Reporters Assoc. (Agrl. statistics). —*b.* Mercer Co., Mo., Dec. 25, 1872; *s.* Jos. A. and Rachel Amelia (Coon) L.; reared on farm; *m.* Anne Teressa Harbaugh, Feb. 8, 1899; *c.* Edgar Harbaugh, Dorothy, Joseph Ashley, Eugene Adolphus, John Washington, Frances Washington. B.L., Georgetown Univ., 1898; LL.M., 1899.

Logan, James J., live-stock breeder, Box 512, Jacksonville, Fla.

Pres. U. S. Trust Co., 1913-8; pres. Amer. Shipping Corp. Vice-pres. Fla. Cattlemens Assoc. —*b.* Bradley Co., Tenn., Nov. 30, 1873; *s.* Bartley H. and Martha (Aiken) L.; reared on farm; *m.* Frances M. Papy, Aug. 2, 1902. Grad. Mountain City Coll., Chattanooga, Tenn.

Lohmann, Karl Baptiste, assoc. prof. and head div. lands. gard., Univ. Ill., Urbana, Ill.

Private practice, Wilkes-Barre, Pa., 1914-15; with Detroit City Planning Comn. and Phillips and Wilcox, lands. arch., Detroit, 1915-7; lands. arch. with the Penn. State Bur. Municipalities, 1918-21; present position, 1921-. Mem. adv. council, Sch. Fine Arts, Amer. Acad. in Rome; chm. nat. conf. of instr. in lands. arch., 1924-5. In Town Planning Div., U. S. Shipping Bd., 1917-8. Traveled in Europe, 1900, 1906, 1911, 1923. —*b.* Wilkes-Barre, Pa., June 7, 1887; *s.* Geo. A. and Caroline (Schimpff) L.; reared in city; *m.* Jane Richardson England, Sept. 23, 1918; *c.* Elizabeth Pusey. B.S., Penn. State Coll., 1910; M.L.A., Harvard Univ., 1914. Delta Upsilon.

Lohnis, Felix, sr. bact. in chg. soil bact. invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Head agrl. bact. lab., Univ. Leipzig, 1903-14; lect., 1905-10; prof., 1910-4; with U. S. Dept. Agr., 1914-. Co-ed. Centbl. Bakt.; consulting ed. Soil Science. *Auth.*: Landw. bakt. Praktikum, 1911, 2d ed. 1920; Handbuch der landw. Bakteriologie, 1910; Vorlesungen über landw. Bakteriologie, 1913; Textbook of Agricultural Bacteriology, 1922. —*b.* Dresden, Germany, Aug. 3, 1874 (naturalized 1919); *s.* Julius and Marie (Blochmann) L.; reared in city and on farm; *m.* Susanne Lodny, Dec. 19, 1908. M.A., Ph.D., Univ. Leipzig, 1901.

Lombard, Perley Maxwell, asst. hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. zool., Conn. Literary Inst., Suffield, Conn., 1910; teach. hist. and sci., 1911; asst. hort., Vt. Exp. Sta., 1911-2. (Potato breeding and selection). —*b.* Swanzey, N. H., Sept. 7, 1885; *s.* Flavius F. and Viola W. (Cram) L.;

reared in town; *m.* Margaret A. Henrietta. B.S., Univ. Vt., 1910. Alpha Zeta.

Lonergan, John Levine, instr. voc. agr., high-sch., Madill, Okla.

b. Marysville, Kans., Jan. 30, 1902; *s.* Owsley and Jennie (Levine) L.; reared on farm. B.S., Okla. A. & M. Coll., 1923. Phi Kappa Phi; Kappa Kappa Psi; Pi Kappa Delta.

Long, Clifton Worth, princ. Trenton Agrl. Sch., Trenton, Fla.

Served in U. S. Navy, World War. (An. husb.). —*b.* Mayo, Fla., Aug. 3, 1893; *s.* T. J. and Mary (Crouch) L.; reared on farm; *m.* Margaret Sangster Little, June 4, 1918; *c.* Margaret Ruth. B.S.A., Univ. Fla., 1917.

Long, Conner Melbourne, chief of farm serv., Blue Valley Creamery Inst., Chicago, Ill.

Princ. Sch. Agr. and Dom. Sci., Okla. A. & M. Coll., 1906-8; dairy farmer and lect. for. Mo. State Bd. Agr., 1908-13; farm adv., Johnson Co., 1913-5; agrl. agt., Pettis Co., 1915-9; field sec. Ill. Holstein Assoc., 1920-2; manag. field work, Holstein-Friesian Assoc. of Amer., 1922-5; present position, 1925-. Pres. Mo. State Holstein Assoc.; sec. Pettis Co. Holstein Co. —*b.* Hallsville, Mo., Mar 21, 1880; *s.* David Washington and Laura (Conner) L.; reared on farm; *m.* Carrie Etta Bramblett, June 28, 1904; *c.* Howard, Vivian, Marion. B.S.A., A.B., Univ. Mo., 1905; M.S.A., 1906.

Long, David Daniel, dir. agrl. res. and serv. dept., Intern. Agrl. Corp., Atlanta, Ga.

Soil sci., Bur. Soils, U. S. Dept. Agr., 1909-12; in chg. soil survey, Ga. State Coll. Agr., Univ. Ga., 1912-20; soil specialist, Soil Improvement Com. S. Fert. Assoc., Atlanta, Ga., 1920-4; present position, 1924-. —*b.* Pa., Dec. 6, 1887; *s.* J. A. and Mary (Bucher) L.; reared in town and country; *m.* Catharine Loucks, Dec. 30, 1913; *c.* David D. Jr. B.S., Penn. State Coll., 1909. Phi Kappa Phi.

Long, John LeRoy, teach. agr. and supt. schs., high-sch., Grafton, Wis.

Sec. agrl. sect., Wis. Teach. Assoc. Private Engin. Corps, U. S. Army, World War. —*b.* Sturgeon Bay, Wis., July 11, 1895; *s.* Henry and Margaret (Writt) L. Grad. River Falls Teach. Normal.

Long, J. Weller, nat. sec.-treas. Amer. Soc. of Equity, Madison, Wis.; deceased. See Rus 1920.

Long, Lewis Edward, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr., La. State Univ., 2 yrs. Served in U. S. Army, 1918-9. —*b.* Junction City, Kans., Mar. 17, 1890; *s.* Joseph A. and Emma (Volle) L.; reared on farm; *m.* Kathlyn Caston, June 1, 1921; *c.* Kathlyn Camilla. B.S., La. State Univ., 1919; M.S., Kans. State Agr. Coll., 1923. Gamma Sigma Delta; Phi Kappa Phi; Theta Alpha Phi.

Longley, Lewis Edward, asst. hort. Exp. Sta. and assoc. prof. hort., Univ. Ida., Moscow, Ida.

Instr. flor., Wash. State Coll., 1911-3; sci. asst. plant-breeding, U. S. Dept. Agr., 1913-8; present position, 1918-. Truck-gardener and florist, Cedar Rapids, Ia., 1905-9; gardener and fruit-grower, Spokane Valley, Wash., 1909-11. —*b.* Howard Co., Ia., Nov. 21, 1880; *s.* John T. and Mary E. (Wentworth) L.; reared on farm; *m.* Laura A. Goff, Dec. 18, 1913; *c.* Mary Alice, Ethel Bernadine. A.B., Coe Coll., 1904; M.S.A., Wash. State Coll., 1917.

Longley, Willard Victor, dir. seed dept., Minn. Potato Growers Exchange, 369 Robert St., St. Paul, Minn.

Instr. agr., Shakopee schs., Minn., 1911-4; Hallock schs., Minn., 1914-7; agt. Kittson Co., 1917-24; present position, 1924-. —*b.* Paradise, N. S., Oct. 4, 1887 (naturalized 1916); *s.* J. S. and Ella (Shaffner) L.; reared on farm; *m.* Clio T. Smith, July 10, 1916. B.S.A., Ont. Agr. Coll., 1911.

Longmire, Francis Edward, co. agrl. agt., Morris, Ill.

Teach. agr. and sci., high-sch., Trenton, Mo., 1912-4; agrl. agt. Knox Co.,

Mo., 1915-7; Grundy Co., Ill., 1917-. —*b.* Monroe City, Mo., Apr., 1889; *s.* Edward and Rosa (Glascock) L.; reared on farm; *m.* Nellie G. Daniels, June 3, 1916; *c.* Frances Helen. B.S.A., Univ. Mo., 1912; M.S.A., Ia. State Coll., 1915. Alpha Zeta.

Longyear, Burton O., assoc. prof. for., Colo. Agr. Coll., Fort Collins, Colo.

Instr. bot., Mich. Agr. Coll., 1893-1904; bot., Mich. Exp. Sta., 1903-4; instr. bot., Colo. Agr. Coll., 1904-7; assoc. prof., 1907-10; prof. bot. and for., 1910-4; assoc. prof. for., 1914-. Ex-officio state for., 1911-5. *Auth.*: Rocky Mountain Wild Flower Studies, 1909. —*b.* Onondago, Mich., July 16, 1868; *s.* W. D. and Ann E. (Barlow) L.; reared on farm; *m.* Jessie L. Bond, Dec. 29, 1897; *c.* Lawrence B., Florence L. B.S., Mich. Agr. Coll., 1903.

Lonis, Ernest J., farmer, Hannibal, N. Y.

Teach. public schs., N. Y., 3 yrs.; manual training, Altoona, Pa., 2 yrs. Pres. Oswego Co. Farm and Home Bur., 1920-4; pres. Oswego Co. Coop. Fruit Assoc., 1920-5; co. Grange deputy, 1919, 1921-5. —*b.* Hannibal, N. Y., Nov. 13, 1878; *s.* Lester and Bettie M. (Tuttle) L.; reared on farm; *m.* Gertrude E. Countryman, June 24, 1903; *c.* Maynard J. Grad. State Normal Sch., Oswego, N. Y., 1905.

Loomis, Herbert Norton, dir. voc. educ., Smith's Agrl. Sch., Northampton, Mass.

Dir. sci., State Normal Sch., New Haven, Conn., 1894-1904; dir. sci., State Normal Sch., New Britain, 1904-11; present position, 1911-; rural survey in S. New England, 1910-1; lect., Conn. Agr. Coll., 1912-4. Pres. Franklin Harvest Club. Traveled in Europe, 1899. —*b.* Andover, Conn., Mar. 4, 1869; *s.* Lester P. and Alice C. (Hutchinson) L.; reared in country; *m.* Mary M. Sibley; *c.* Kathryn Noble. B.S., Harvard Univ., 1901; A.M., Columbia Univ., 1909; Ph.D., Yale Univ., 1911.

Loomis, Ralph, pastor Community Church, Gypsum, O.

Instr. agr., high-sch., Bird Island, Minn., 1913-4; sec. and manag. coop. creamery, co. farmers organizations and shipping assoc., Minn. and Mo., 1914-7; ext. agt. marketing, U. S. Bur. Markets and ext. assoc. prof. marketing, Univ. Mo., 1919-21; pastor Community Church of Gypsum, 1923-. From private to 1st Lieut. U. S. Army, 1917-9. —*b.* Meadville, Mo., June 5, 1891; *s.* Adgate L. and Melissa (Hardy) L.; reared on farm. B.S.A., Univ. Mo., 1913; M.A., 1921; B.D., Oberlin Grad. Sch. Theol., 1924.

Lord, Russell Robbins, assoc. ed. Farm and Fireside, 55 West 11th St., New York, N. Y.

Asst. dir. Hampden Co. Improvement League, Mass., 1920-1; ext. news ed. and lect. in journalism, Ohio State Univ., 1921-4; present position, 1924-. Sergeant Field Art., U. S. Army, 1917-8. *Auth.*: Captain Boyd's Battery, A. E. F., 1921. —*b.* Baltimore, Md., July 21, 1895; *s.* Harry Murdoch and Lina (Van den Berg) L.; reared on farm; *m.* Helen Kate Kalkman, Dec. 27, 1924. B.S., Cornell Univ., 1920. Alpha Zeta; Sigma Delta Chi (1st nat. vice-pres.).

Loree, Robert Earl, asst. prof. hort., Mich. State Coll., E. Lansing, Mich.

Instr. hort., Mich. Agr. Coll., 1913-8; asst. prof., 1918-. (Small-fruits). —*b.* Fenwick, Mich., Oct. 25, 1880; *s.* Henry D. and Amanda (Chapman) L.; reared in town; *m.* Martha May Van Orden, June 28, 1905; *c.* Grace Emily, Alice Jeannette, Robt. Louis. B.S., Mich. Agr. Coll., 1913. Alpha Zeta.

Lory, Charles Alfred, pres. Colo. Agr. Coll., Fort Collins, Colo.

Asst. physics, Univ. Colo., 1899-1902; princ. Cripple Creek high-sch., 1902-4; acting prof. physics, Univ. Colo., 1904-5; prof. physics and electrical engin., 1907-9; present position, 1909-. Pres. Assoc. Western Agrl. Colls., 1915; 1st vice-pres. Assoc. Land Grant Colleges, 1909, 1917-8, pres., 1919; pres. Colo. Conference of Social Workers, 1923. Farmer, 1888-98; supt. for Hillsboro Irrig. Co., 1893, for Big Cut Lateral and Reservoir Co., 5 yrs. —*b.* Sardis, O., Sept. 25, 1872; *s.* Chris and Ida (Stauffer) L.; *m.* Carrie Louise Richards,

June 8, 1904. Ped.B., State Normal Sch., Greeley, Colo., 1898; B.S., Univ. Colo., 1901; M.S., 1902; LL.D., 1909, Colo. Coll., 1924; D.Sc., Univ. Denver, 1914. Phi Beta Kappa; Sigma Xi; Delta Tau Delta.

Lott, Elmo Hamilton, asst. co. agt. leader, Mont. State Coll., Bozeman, Mont.

Instr. agr., Ia. State Coll., 1914-5; Cornell Coll., 1915-6; Cornell Univ., 1917; assoc. prof. ext., Mont. State Coll., 1918-24; asst. co. agt. leader, 1924-. (Rural sociol.). —*b.* Le Roy, Ill., Sept. 17, 1885; *s.* Chas. G. and Catherine (Patterson) L.; reared on farm; *m.* Mignon Quaw, May 28, 1921. B.S., Cornell Coll., 1912; B.S.A., Ia. State Coll., 1917. Alpha Zeta.

Loucks, Henry Langford, farmer, auth. and ed., Watertown, S. D.

Formerly nat. pres. Farmers Alliance; Farmers League. In mercantile business, Canada, 12 yrs.; R. R. tie & lumber on Missouri; owner steamboat and sawmill. Ed. Dakota Ruralist, Watertown Times; assoc. ed. National Economist. *Auth.*: A New Monetary System and Government Ownership of Railroads, 1893; The Great Conspiracy of the House of Morgan Exposed, 1916; Our Daily Bread, 1918; The Mythical Gold Base, 1923. (Money and its functions). —*b.* near Ottawa, Ont., May 24, 1846; *s.* Wm. J. and Ann (York) L.; reared on farm; *m.* Florence McCraney, May 22, 1872; *c.* Geraldine, Wm., Perry, Anna York, Elizabeth, Franklin, Daniel.

Loudon, Dorothy Ayres, state agt. foods and nutr., N. D. Agr. Coll., Agricultural College, N. D.

Dietitian, Mary Thompson Hospital, Chicago, 1919-20; St. Lukes Hospital, Fargo, N. D., 1920-2; present position, 1922-. —*b.* Dickinson, N. D., Dec. 1, 1896; *d.* M. L. and Alice (Kinney) Ayres; reared in town; *m.* Archibald Niven Loudon, Aug. 16, 1920. B.S., Univ. Wis., 1919. Phi Omega Pi.

Lounsbury, Lincoln Rogers, ext. agrl. ed., Wash. State Coll., Pullman, Wash.

Asst. law librarian, State Supreme Court, 1907-18. —*b.* Detroit, Mich., May 19, 1887; *s.* Samuel and Josephine (Lincoln) L.; reared on farm and in town; *m.* Clara May Burr, Apr. 10, 1910; *c.* Lincoln Burr, Warren Carson, B.S., Wash. State Coll., 1922. Alpha Gamma Rho; Alpha Zeta; Sigma Delta Chi.

Love, Harry Houser, prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Asst. plant-breeding, Univ. Ill., 1904-7; asst. plant-breeding, Cornell Univ., 1908-9; asst. prof. plant-breeding invest., 1909-11; prof., 1912-. Traveled in Europe. (Breeding of small grains, biometrics). —*b.* Taylorville, Ill., Mar. 19, 1880; *s.* Chas. Henry and Adaline (Evans) L.; reared on farm; *m.* Anna Barclay, Sept. 6, 1904; *c.* Harry Barclay, Robt. Emerson, Elizabeth Maurine, Chas. Barclay. B.S., Ill. Wesleyan Univ., 1904; M.A., 1906; Ph.D., Cornell Univ., 1909. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Tau Kappa Epsilon.

Love, Harry Rivers, teach. voc. agr., high-sch., Piney Flats, Tenn.

b. Crockett Co., Tenn., Oct. 27, 1900; *s.* J. W. and C. M. (Strayhorn) L.; reared on farm. B.S.A., Univ. Tenn., 1922. Alpha Zeta; Delta Tau Delta.

Love, William Denver, farmer, Roseburg, Ore.

Farm manag., 1908-11; head dept. agr., high-sch., Puyallup, Wash., 1912-7; formerly co. agrl. agt., Everett, Wash. —*b.* Garfield, Wash., Jan. 16, 1882; *s.* Lewis C. and Mary (Parkins) L.; reared on farm; *m.* Mary F. Williams, July 30, 1914. B.S., Wash. State Coll., 1908. Beta Theta Pi.

Lovelace, Myrtle, home dem. agt., Herlingen, Tex.

Supt. rural schs., 3 yrs. —*b.* Jonesboro, Tex., July 13, 1892; *d.* J. T. and Samuella (Banks) L.; reared in country. Grad. N. Tex. Normal Coll., Denton, 1917.

Loveland, Edward Hildreth, co. agrl. agt., Burlington, Vt.

Asst. dairy husb., Univ. Vt., 1913-4; agt. Orange Co., 1914-9; Chittenden Co., 1919-. —*b.* Norwich, Vt., May 14, 1888; *s.* G. Edward and Ida (Hildreth)

L.; reared on farm; *m.* Gladys Kuhn, Sept. 1, 1915; *c.* Dorothy Ida, Marion Emma. B.S., Dartmouth Coll., 1910; M.A., Univ. Neb., 1913.

Loveland, George Andrew, section dir. U. S. Weather Bur., Boston, Mass.

Mem. Com. Vital Resources, 4th, Nat. Conservation Congress; Neb. Acad. Sci. *Ed.,* New England Weather Monthly Summary. —*b* Norwich, Vt., Oct. 9, 1863; *s.* David A. and Clara A. (Olds) L.; reared on farm and in town; *m.* Lillian Steel, June 6, 1900; *c.* Grace L., David S. B.Sc., N. H. Coll., 1882; LL.B., Univ. City of N. Y., 1886; M.A., Univ. Neb., 1908; D.Sc., Univ. N. H., 1924. Sigma Xi.

Lovell, James Thomas, instr. voc. agr., Bradley Co. High-Sch., Cleveland, Tenn.

Present position, 1918-. (Poultry, live-stock). —*b.* Bethel, Tenn., May 17, 1898; *s.* Wm. Henry and Lena (Story) L.; reared on farm; *m.* Rebecca Napier, Aug. 15, 1923. B.S.A., Univ. Tenn., 1918.

Lovell, Joe William, teach. voc. agr., Franklin Co. High-Sch., Winchester, Tenn.

Asst. co. agt. Robertson Co., Tenn., 1917; agrl. agt. Hickman Co., 1917-9; teach. Smith-Hughes voc. agr., Polk Co. High-Sch., 1919-20; and dir. athletics, high-sch., Lebanon, 1920-1; Central High-Sch., Columbia, Tenn., 1921-2; Franklin Co., 1922-. Proprietor and manag. Lovell's hatchery and poultry farm, Winchester. —*b.* Lynnville, Tenn., Apr. 26, 1892; *s.* Wm. Henry and Lena B. (Story) L.; reared on farm; *m.* Louise Stephenson, Aug. 30, 1919. B.S.A., Univ. Tenn., 1917.

Lovett, Amos Edwin, co. agrl. agt., 60 Clogg Bldg., Yakima, Wash.

Asst. irrig., N. Mex. A. & M. Coll., 1904-5; U. S. Indian Serv., 1905-8; assoc. ed., Live-stock Inspector, Enid, Okla., 1908-9; farmer, Okla., 1909-10; co. agt., Okla., 1910-1; chg. farm, U. S. Public Health Serv., Fort Stanton, N. Mex., 1911-4; co. agt., Redmond, Ore., 1914-6; state co. agt. leader, Colo. Agr. Coll., 1916-22; acting dir. ext., 1920-1; present position, 1922-. —*b.* Neal, Kans., Feb. 21, 1883; *s.* Hiram W. and Narsa A. (Turney) L.; reared on farm; *m.* Effa Sloan, July 23, 1907; *c.* Mildred Myra. B.S., Okla. A. & M. Coll., 1904.

Lovett, Temple Raymond, owner and manag. Clarkcoill Live-stock Farms, Marshall, Ill.

Dairy ext. specialist, Univ. Ill., 1919-21; present position, 1921-. Manag. and pres. Marshall Coop. Shipping Assoc.; mem. bd. dir., Clark Co. Farm Bur. and County Fair; Farmers Inst. speaker; del. to conv. Nat. Livestock Producers Assoc., 1923. 1st Lieut. U. S. Tank Corps, 1917-9; awarded Croix de Guerre. (Dairying, coop. marketing).—*b.* Peoria, Ill., Mar. 16, 1897; *s.* Jas. Ashton and Florence (Morgan) L.; reared in city and on farm; *m.* Mary Hogue, Feb. 9, 1921. Univ. Ill., 1917. Alpha Gamma Rho.

Lowe, Clifton D., ext. an. husb., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Instr. an. husb. and vet. Exp. Sta., Penn. State Coll., 1910-1; vet. insp., Bur. An. Ind., U. S. Dept. Agr., 1911-2; live-stock development agt., Southern Ry. Co., 1912-4; beef cattle specialist, Univ. Tenn. and U. S. Dept. Agr., 1914-7; southern field rep., Amer. Aberdeen-Angus Breeders Assoc., 1917-21; state vet., Tenn., 1921-3; present position, 1923-. (Aberdeen-Angus cattle). —*b.* Tarlton, O., Dec. 14, 1883; *s.* John Franklin and Clara Ellen (Dunkle) L.; reared on farm; *m.* Nora Mae Anderson, Dec. 22, 1912; *c.* Ralph Winton, Mary Jean. D.V.M., Ohio State Univ., 1910. Alpha Psi.

Lowe, John teach. voc. agr., high-sch., Trousdale, Kans.

Quartermaster, U. S. Navy, 1 yr. (An. husb.). —*b.* Knob Lick, Mo., Dec. 6, 1896; *s.* Jas. and Emma (Brady) L.; reared on farm. B.S.A., Univ. Mo., 1923. Sigma Gamma Pi.

Lowell, Sherman James, fruit-grower, Fredonia, N. Y.

Master N. Y. State Grange; master Nat. Grange; manag. Pomfret Fruit-Growers Assoc., 1900-10; mem. Gov-

ernor's food invest. com., 1916; mem. Food Supply Comn., 1917. —*b.* Lamberton, N. Y., May 28, 1858; *s.* Jas. Willoughby and Jane (Selleck) L.; reared on farm; *m.* Martha Louisa Marsh, Nov. 27, 1889; *c.* Fred Albert, Clyde Marsh.

Lowery, Julius Caesar, co. agrl. agt., B12 Court House, Birmingham, Ala.

b. Cullman Co., Ala., June 27, 1897; *s.* E. O. and Janie (Murphrie) L.; reared on farm. B.S., Ala. Poly. Inst., 1923. Phi Kappa Phi; Gamma Sigma Delta.

Lowry, Marion W., assoc. prof. soil chem., Univ. Ga., Athens, Ga.

Instr. soil chem., Univ. Ga., 1913-5; adj. prof., 1916-. —*b.* Ravanna, Mo., Sept. 18, 1888; *s.* Marion W. and Eunice (Creel) L.; reared on farm; *m.* Georgia Fontane Crews, July 6, 1921. B.S.A., Univ. Mo., 1912; M.A., 1913. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Lowry, Philip Rosemond, asst. prof. econ. ent. and asst. ent. Exp. Sta., Univ. N. H., Durham, N. H.

Sergeant Med. Dept., U. S. Army, 1918-9. —*b.* Senecaville, O., Sept. 24, 1896; *s.* Chas. Willard and Daisy Jean (Dilley) L.; reared in city. B.S., Ohio State Univ., 1920; M.S., 1921. Sigma Xi; Alpha Zeta.

Lowry, Ralph B., assoc. prof. agron., Univ. Tenn., Knoxville, Tenn.

Instr. agr., Cent. Military Acad., 1908-9; supt. high-sch., Crockettsville, S. C., 1909-13; asst. prof. agron., Clemson Agr. Coll., 1913-5; instr. agron., Univ. Tenn., 1915-7; asst. prof., 1917-8; assoc. prof., 1918-. —*b.* Lowryville, S. C., Mar. 31, 1889; *s.* Jas. Samuel and Matilda (Wilks) L.; reared on farm. B.S.A., Clemson Agr. Coll., 1908; M.S., Univ. Wis.

Lowther, Granville, auth. and ed., Yakima, Wash.

Minister in the M. E. Church 1874-1902; presiding elder Winfield Distr. Kans.; prof. psychology, sociol., S. W. Kans. Coll. and acting pres.; hort. Wash., 1905. Mem. Governors Adv. Bd., Wash., 1916-8. Discovered causes and remedies of various fruit diseases, notably apple rosette. *Ed.* Fancy Fruit Magazine, 1908-12; hort. ed. Northwest Farm Trio, Spokane, Wash., 1914-. *Auth.*: Encyclopedia of Practical Horticulture, 4 vols., 1914; Poems, 1922. —*b.* Doddridge Co., W. Va., Jan. 19, 1848; *s.* Jesse and Hanna (Leeson) L.; *m.* Elizabeth Ann Boyce; *c.* Ada M., John F., Charles, Lola E., Mabel E.

Lucas, Paul Stanley, assoc. prof. dairy manufactures and res. assoc. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

With Alamito Milk Plant, Omaha, Neb., 1914; asst. prof. dairy manufactures and manag. cheese factory, Ore. Agr. Coll., 1916-9; assoc. prof., Purdue Univ., 1919-22; present position, 1922-. —*b.* Montgomery, Ill., Nov. 21, 1890; *s.* David J. and Sarah (Davidson) L.; reared on farm; *m.* Jane Elizabeth Dye, Aug. 30, 1922; *c.* David Blake, Barbara Jane. B.S.A., Purdue Univ., 1914. Alpha Zeta.

Luce, Marjorie Ellinwood, state home dem. agt. leader and asst. state club leader, Univ. Vt., Burlington, Vt.

Teach. home econ., high-sch., Wartsfield, Vt., 1916-7; asst. state club leader, Vt., 1918-24; present position, 1924-. —*b.* Waterbury, Vt., June 22, 1894; *d.* Fred Camp and Eva (Ellinwood) L.; reared in town. B.S., Univ. Vt., 1916. Phi Beta Kappa; Delta Delta Delta.

Luckett, James Douglass, ed., N.Y. Agr. Exp. Sta., Geneva, N. Y.

Farmer, Fairfax Co., Va., 3 yrs. Sci. asst., States Relations Serv., U. S. Dept. Agr.; field crops ed., Experiment Station Record, 1916-20; present position, 1920-. (Agron.). —*b.* Washington, D. C., Dec. 5, 1891; *s.* Samuel Douglass and Belle (Sparr) L.; reared in city; *m.* Lenore Williams, Mar. 24, 1914. B.S.A., Purdue Univ., 1916; M.S.A., 1919. Sigma Xi; Alpha Tau Omega.

Ludden, John E., co. agrl., agt., dairy farmer, Kearney, Neb.

Teach. agr., public sch., Arlington, Wash., 1913-4; Shumway Sch., St. Paul, Neb., 1914-5; prof. agr., State Normal Sch., Kearney, 1915-8; agrl. agt. Antelope Co., 1918-20; Buffalo Co., 1920-. —*b.* Guilderland Center, N. Y., Jan. 18, 1890; *s.* Luther P. and Margaret (Machesney) L.; reared in city; *m.* Addie V. Shanstrom, Dec. 28, 1915; *c.* Addah Jane, John Shanstrom, Lawrence Perry. B.Sc., Univ. Neb., 1913.

Ludwig, Clinton Albert, assoc. bot. and plant path., S. C. Agr. Exp. Sta., Clemson College, S. C.

Grad. asst. in bot., Univ. Ill., 1912-3; asst. bot., Ind. Agr. Exp. Sta., 1913-5, summer of 1916; asst. in bot., Univ. Mich., 1915-6; Emma J. Cole fellow in bot., 1916-7; instr. bot., Lawrence Coll., 1917-8; asst. path., Bur. Plant Ind., 1919; present position, 1920-. Councilor Amer. Phytopath. Soc., 1924-5; assoc. ed. Phytopathology, 1925. Fellow A. A. A. S. Served in Ordnance Corps, U. S. Army, 1918. —*b.* Windfall, Ind., Oct. 20, 1886; *s.* Albert Cameron and Emma Jane (Bonnell) L.; reared on farm; *m.* Nelle McClurg, Dec. 24, 1919; *c.* Robt. Clinton. B.S.A., Purdue Univ., 1912; M.S.A., 1914; Ph.D., Univ. Mich., 1917. Sigma Xi; Phi Sigma.

Lueker, Traugott Frederick, co. agrl. agt., Jefferson City, Mo.

Farmer, 1910-1; teach. high-sch., Camden, Ark., 1911-4; co. agrl. agt., Ark., 1914-20; Mo., 1920-. (Rural marketing). —*b.* Warden, Ill., Mar. 10. 1884; *s.* Carl and Anna (Steinmann) L.; reared on farm; *m.* Mamie White, July 30, 1913. B.A., Univ. Ark., 1910.

Luginbill, Philip, ent., U. S. Ent. Sta., 1420 Pendleton St., Columbia, S. C.

Teach. public schs., O., 1904-6. Fellow A. A. A. S. —*b.* Columbus Grove, O., Oct. 16, 1884; *s.* John and Anna (Zincc) L.; reared on farm; *m.* Alma K. Dean, Nov. 5, 1909; *c.* Dean Osborn, Webster Francis, Georgia Annette, Philip Jr., Chas. Frederick. B.S.A., Ohio State Univ., 1910; M.A., Univ. S.C., 1917; Ph.D., Geo. Washington Univ., 1924. Sigma Xi.

Luithly, John A., manag. Louis F. Nafis, Inc., manufacturers scientific glass apparatus, Chicago, Ill.

Instr. dairy manufactures, Ia. State Coll., 1914-7; asst. prof. dairy husb., Univ. Neb., 1918-23; present position, 1923-. —*b.* Washington Co., Ia., Oct. 6, 1888; *s.* J. A. and Anna M. (Varain) L.; reared on farm; *m.* Ella M. Mitchell; *c.* Janet V. B.S., Ia. State Coll., 1914.

Luker, Cyril, teach. agr., high-sch., San Antonio, Tex.

Princ. high-sch., Ft. Stockton, Tex., 1921-3; teach. agr., evening sch., San Antonio, 1923-. —*b.* Proctor, Tex., Feb. 28, 1899; *s.* W. A. L.; reared on farm; *m.* Maurilia Moore, July 3, 1923; *c.* Marilyn. B.S., Tex. A. & M. Coll., 1921.

Lull, Robert Delano, distr. manag. for New England Milk Producers Assoc., 393 Main St., Worcester, Mass.

Asst. supt. estate F. G. Crane, Dalton, Mass., 1911-2; supt. estate H. C. Frick, Hamilton, 1912-4; community agrl. agt., Hardwick, 1914-8; present position, 1918-. —*b.* Windsor, Vt., Dec. 21, 1879; *s.* Geo. Delano and Lilla Kate (Fletcher) L.; reared on farm; *m.* Helen Wentworth Pray, June 22, 1911; *c.* Robt. Delano. B.Sc., Mass. Agr. Coll., 1911. Phi Sigma Kappa.

Lumb, John Wallace, vet. ext. specialist, Kans. State Agr. Coll., Manhattan, Kans.

Asst. vet., H. K. Mulford Co., Glenolden, Pa., 1910-2; general vet. practice, Lawrence, Kans., 1912-3; asst. path. and bact., Ia. State Coll., 1913-4; vet. in chg. Peoria Serum Co., Peoria, Ill., 1914-9; asst. vet. and vet. in chg. Purity Biol. Lab., Sioux City, Ia., 1917-24; present position, 1924-. —*b.* Wakefield, Kans., July 11, 1886; *s.* Wm. Edward and Mary Ann (Keliwell) L.; reared on farm; *m.* Edna Eleanor Biddison, Feb. 22, 1919; *c.* Wm. Valjean. D.V.M., Kans. State Agr. Coll., 1910.

Lumbrick, Arthur, dairyman, Danville, Ill.

Formerly co. agrl. agt., Danville. —*b.* Charleston, Ill., Oct. 11, 1882; *s.* Jas.

S. and Clementine (Nicholson) L.; reared on farm; *m.* Myrtle Mae Huston, Dec. 22, 1909; *c.* Margaret Mae, Mary Elizabeth, Ruth Catherine, Martha Louise, Ester Clementine, Robt. A., Anna Jane. B.S., Univ. Ill., 1908. Alpha Zeta.

Lumsden, David, hort., Fed. Hort. Bd., U. S. Dept. Agr., Washington, D. C.

Instr. hort., Univ. N. H., 1908-14; asst. prof. flor., Cornell Univ., 1914-9; dir. agrl. reconstruction and lands. arch., Walter Reed General Hospital, Washington, 1919-22; present position, 1922-. Floral decorator to Duke of Westminster, 2½ yrs.; foreman, Nova Scotia Nursery Co., Halifax, 2½ yrs.; floral decorator and lands. gard., Thos. F. Galvin Co., Boston, 2 yrs.; manag., W. W. Edgar Co., Waverley, Mass., 4 yrs. Fellow Royal Hort. Soc. Vice-pres. for N. H., Veg. Growers Assoc. of Amer., 1912-3; deputy State Master N. H. Grange, 1912-4; sec. Amer. Hort. Soc. —*b.* England, June 21, 1871 (naturalized 1905); *s.* David and Mary (Allen) L.; reared in town; *m.* Sarah Jane Quincey, Jan. 31, 1893; *c.* Mary Florence, David Victor, Geo. Quincy, Wm. Edward.

Lund, Frants Peter, specialist canning and drying, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Teach. coll., Skanderborg, Denmark, 1889-90; teach. parochial sch., Clinton, Ia., 1890-2; public schs., Wharton Co., Tex., 1897-1905; princ. boy's high-sch., Christiansted, St. Croix, Virgin Isls., 1905-8; chg. expl. farm, Midfields, Tex., 1908-11; present position, 1916-. Gave instr. in home canning and drying of food products to profs. and teachers of agrl. schs. of France, summer 1919; Denmark, Norway, Sweden for Intern. Bd. Educ., 1923-5. —*b.* Honum, Denmark, June 29, 1866 (naturalized 1905); *s.* Johannes J. and Karen Marie (Nielsen) L.; reared in country; *m.* Ella Sarah Kramer, 1896; *c.* Harry V., Einar V. Student Univ. Copenhagen.

Lund, Ralph Dewey, teach. agr., high-sch., Chester, Vt.

b. Groton, Vt., Nov. 14, 1897; *s.* P. A. and Eliza (Emery) L.; reared on farm; *m.* Georgia King, Sept. 19, 1919; *c.* Beth Inez, Hilda A. B.S., Univ. Vt., 1924. Phi Mu Delta.

Lunn, Alfred G., prof. poultry husb., Ore. Agr. Coll., Corvallis, Ore.

Instr., Calif. State Poly., 1906-7; asst. to asst. prof., Ore. Agr. Coll., 1908-15; ext. prof., Mass. Agr. Coll., 1915-8; prof. poultry husb., Univ. B. C., 1918-20; present position, 1920-. Pres. Amer. Assoc. Instr. and Invest. in Poultry Husb. —*b.* Philadelphia, Pa., Nov. 17, 1882; *s.* John and Alice (Dufton) L.; reared in city and on farm; *m.* Isabella Vivian Ackerman, Dec. 21, 1912; *c.* John Henry, Ellen Vivian, Alfred Jr. B.S.A., Ore. Agr. Coll., 1912. Kappa Sigma; Gamma Sigma Delta.

Lush, Jay Laurence, an. husb., Tex. Agr. Exp. Sta., College Station, Tex.

Teach. high-sch., Pratt, Kans., 1916-7; fellow in an. husb., Kans. State Agr. Coll., 1917-8; teach. high-sch., Marysville, Kans., 1919; asst. genetics, Univ. Wis., 1919-21; present position, 1921-. 2d Lieut. Air Serv., U. S. Army, 1918. —*b.* Shambaugh, Ia., Jan. 3, 1896; *s.* Henry and Mary Eliza (Pritchard) L.; reared on farm; *m.* Adaline Lincoln, Dec. 20, 1923. B.S., Kans. State Agr. Coll., 1916; M.S., 1918; Ph.D., Univ. Wis., 1922. Sigma Xi; Gamma Alpha; Phi Sigma.

Lute, Harry Detlef, farmer and stockman, Paxton, Neb.

Dir. State Bd. of Farmers Educ. and Coop. Union; pres. farmers insts. and lect. Mem. Neb. Constitutional Conv., 1919-20; exec. state sec. Neb. Farm Bur. Fed., 1920-3; del. to Amer. Farm Bur. Fed.; del. to the agrl. conference called by Pres. Harding; represented Neb. farmers and shippers before the Interstate Commerce Comn. on the western hay and grain rate case 1922; staff writer for Nebraska Farmer. Neb. del. to Dry-Farming Congress, Lethbridge Alta. —*b.* Holstein, Germany, Jan. 8, 1870 (naturalized as minor); *s.* John and Anna (Wulf) L.; reared on farm; *m.* Lulu Woods, Sept. 20, 1904; *c.* Marjorie, Harriet. Grad. Sch. Agr., Univ. Neb., 1904.

Luther, Ernest Leonard, supt. farmers insts. and superv. ext. courses and schs., Univ. Wis., Madison, Wis.

Supt. schs., Kalkosha, Mich., 1895-1902; co. supt. schs., 1899-1901; supt. schs., Eston Rapids, 1902-4; Ripon, Wis., 1904-10. —*b.* Hart, Mich., Sept. 25, 1868; *s.* M. A. and Ida I. (Corbin) L.; reared on farm; *m.* Lulu M. Eddy, June 26, 1896; *c.* Breta Marie, Melvin Eddy. A.B., Olivet Coll., 1895; B.S.A., Univ. Wis., 1912.

Luther, Melvin E., potato specialist, Univ. Wis., Madison, Wis.

b. Kalkasha, Mich., Sept. 7, 1899; *s.* Ernest L. and Lulu (Eddy) L.; reared in city. B.S., Univ. Wis., 1921. Theta Chi; Alpha Zeta.

Luther, Merrill K., instr. voc. agr., high-sch., Whitehall, Mont.

b. Glasgow, Mont., July 31, 1899; *s.* Wm. David and Carrie E. (Whitney) L.; reared in town and country. B.S., Mont. State Coll., 1923. Alpha Zeta.

Lutman, Benjamin Franklin, plant path., Vt. Exp. Sta. and Univ. Vt., Burlington, Vt.

Present position, 1909-. —*b.* Joplin, Mo., Sept. 26, 1879; *s.* David and Anna (Carson) L.; reared in town; *m.* Anna B. Shepard, Jan. 31, 1912; *c.* Frank, Grace. A.B., Univ. Mo., 1906; Ph.D., Univ. Wis., 1909; studied Poppelsdorf Agr. Acad. and Biol. Anstat, Berlin, Mar.-Nov., 1912. Sigma Xi; Alpha Zeta.

Lyle, Samuel Patterson, prof. agrl. engin., Univ. Ga., Athens, Ga.

Head dept. agrl. engin., State Agrl. Sch., Jonesboro, Ark., 1922-4; present position, 1924-. Pilot U. S. Air Serv., 1917-9. —*b.* Memphis, Mo., Feb. 12, 1892; *s.* Edward G. and Jeanetta W. (Patterson) L.; reared on farm; *m.* B. M. MacQueen, Dec. 26, 1921; *c.* Samuel P. Jr., Marion Elizabeth. B.S., Kans. State Agr. Coll., 1921; M.S., Ia. State Coll., 1922. Sigma Xi; Gamma Sigma Delta.

Lyman, Charles Adelbert, agrst., 1523 L St., N. W., Washington, D. C.

Dairy farmer, Sun-Prairie, Wis., 1904-14; Rhinelander, 1914-8. General organizer Nat. Agrl. Organization Soc.; exec. sec. Nat. Bd. Farm Organizations, Washington, 1918-23. Studied agr. in British Isles., 1915. Superv. Census, 2d Wis. Distr., 1910. —*b.* Steele City, Neb., Sept. 6, 1882; *s.* Chas. A. and Delia (Gilman) L.; reared on farm; *m.* Helen Miriam Sheldon, Sept. 7, 1904; *c.* John Sheldon, Sydney Louise, Phoebe. B.A., Univ. Wis., 1904. Psi Upsilon.

Lyman, George Richard, dean Coll. Agr., W. Va. Univ., Morgantown, W. Va.

Instr. bot., Dartmouth Coll., 1901-4; asst. prof., 1904-13; path. insp., Fed. Hort. Bd., 1913-7; path. in chg. plant disease survey, Bur. Plant Ind., U. S. Dept. Agr., 1917-22; present position, 1923-. Fellow Amer. Acad. Arts and Sci.; fellow A. A. A. S. Sec.-treas. Amer. Phytopath. Soc., 1919-22, pres., 1923; mem. War Emergency Bd., Amer. Plant Pathologists, 1918, chm. adv. bd., 1919-20. (Plant disease geography). —*b.* Lee Center, Ill., Dec. 1, 1871; *s.* Geo. A. and Mary E. (Jones) L.; reared on farm; *m.* Frances E. Badger, June 23, 1903; *c.* Mavis Katharine. A.B., Beloit Coll., 1894; A.M., Harvard Univ., 1899; Ph.D., 1906. Phi Beta Kappa; Beta Theta Pi.

Lyman, John F., prof. agrl. chem., Ohio State Univ., Columbus, O.

Asst. agrl. chem., Ohio State Univ., 1905-6; student asst. biol., Yale Univ., 1907-9; present position, 1909-. —*b.* Mesopotamia, O., Feb. 20, 1881; *s.* Carlos P. and Cerinthia A. (Bates) L.; reared in small village; *m.* Cornelia Bull, Dec. 29, 1909; *c.* Eloise Caldwell, Edith Fisk, Russell Adams. B.Sc., Mass. Agr. Coll., 1905; Ph.D., Yale Univ., 1909. Sigma Xi; Kappa Sigma.

Lyman, Richard Pope, former dean vet. div., Mich. Agr. Coll., E. Lansing, Mich.

Asst. prof. med., Kans. City Vet. Coll., 1908-9; prof. med. and obstetrics, 1909-10; prof. vet. sci., Mich. Agr. Coll., 1910-9; dean vet. div., 1911-9. Chm. Com. on Vet. Educ. appointed by James

Wilson, 1908. Consulting vet. for State Cattle Comn., Conn. Vice-pres. Amer. Vet. Assoc.; sec., 7 yrs.; chm. pub. com., Amer. Vet. Med. Assoc., 6 yrs. *Ed.*, Journal Vet. Med.; collaborator Amer. Vet. Review. —*b.* Concord, Mass., Aug. 5, 1872; *s.* Chas. Parker and Lucy Ellery (Pope) L.; reared on farm and in city; *m.* Annie Downing Evans, Feb. 16, 1898; *c.* Bertha D., Richard P. Jr. B.S., Mass. Agr. Coll., 1892; M.D.V., Harvard Univ., 1894. Alpha Psi.

Lynch, Lizzie, farmer, Plains, Mont.

Pres. Sanders Co. Farm Bur. (Irrig.). —*b.* Ohiopyle, Pa., Jan. 18, 1862; *d.* Joseph and Margretta (Johnston) Williams; reared in town; *m.* Neptune Lynch, 1887; *c.* Agatha M., Pearl M., Neptune A.

Lyness, Charles Enoch, co. agrl. agt., Troy, Kans.

Instr. agr., high-sch., Annandale, Minn., 1912-4; New Richland, 1914-8; agrl. agt. Waseco Co., Minn., 1918-23; Doniphan Co., Kans., 1923-. —*b.* Walnut, Kans., Feb. 11, 1885; *s.* John J. and Alma (McDermond) L.; reared on farm; *m.* Mae Virgie Hildebrand, June 16, 1915; *c.* Chas. Joseph, Ralph Eugene, Richard Noel, John Calvin. B.S., Kans. State Agr. Coll., 1912.

Lyness, Willard Earl, asst. agron., Neb. Agr. Exp. Sta., Lincoln, Neb.

Asst. supt., Dry Land Agr. Exp. Sta., Akron, Colo., 1916; asst., Dry Land Agr. Coop. Exp. Sta., Archer, Wyo., 1917-8; asst. co. agt., Thurston Co., Neb., 1918-9; co. agt., 1919-20; present position, 1921-. —*b.* Walnut, Kans., Dec. 13, 1888; *s.* John J. and Alma C. (McDermond) L.; reared on farm. B.S.A., Kans. State Agr. Coll., 1916.

Lynn, Gertrude, ext. specialist home manag., Ia. State Coll., Ames, Ia.

In chg. home econ., high-sch., Winfield, Kans., 1907-11; prof. home econ., Southwestern Coll., Winfield, Kans., 1913-5; ext. specialist nutr., Kans. State Agr. Coll., 1917-20; present position, 1921-. —*b.* Winfield, Kans., Nov. 12, 1878; *d.* John B. and Laura (French) L.; reared in town and on farm. B.S., Columbia Univ., 1913; A.M., 1921.

Lyon, Harold Lloyd, in chg. dept. bot. and for., Exp. Sta., Hawaiian Sugar Planters Assoc., Honolulu, H. I.

Instr. bot., Univ. Minn., 1900-5; asst. prof. 1905-7. Conducted invests. on sugar-cane, pineapples and forestry in Fiji Isls., Australia, Java, Fed. Malay States, Philippines, Cuba, Jamaica, Canal Zone, southern U. S., Hawaii. —*b.* Hastings, Minn., Oct. 14, 1879; *s.* Wm. Henry and Mary (McCarriel) L.; reared on farm and in town; *m.* Maude Fletcher, July 19, 1905. B.S., Univ. Minn., 1900; M.S., 1901; Ph.D., 1903.

Lyon, Thomas Lyttleton, prof. soil tech., Cornell Univ., Ithaca, N. Y.

Instr. chem., Univ. Neb., 1891-3; asst. chem., Neb. Exp. Sta., 1894-5; prof. agr., Univ. Neb., 1895-1906; present. position, 1906-. Fellow A. A. A. S. *Auth.*: (with Montgomery) Examining and Grading Grains; (with Fippin) Principles of Soil Management, 1909; (with Fippin and Buckman) Soils, Their Properties and Management, 1915; Soils and Fertilizers, 1917. —*b.* Alleghany Co., Pa., Feb. 17, 1869; *s.* Jas. B. and Anna M. (Lyon) L.; reared in country; *m.* Bertha L. Clark, 1899; *c.* John Lyttleton, Geo. Clark. B.S.A., Cornell Univ., 1891; Ph.D., 1904; studied Univ. Goettingen, 1893-4. Sigma Xi; Phi Gamma Delta.

Lyons, Eugene Sidney, asst. prof. soils, Kans. State Agr. Coll., Manhattan, Kans.

Asst. soils, Kans. State Agr. Coll., 1921-2; asst. prof., 1922-. Served in U. S. Navy, 1918-9. —*b.* Douglas Co., Kans., Dec. 30, 1891; *s.* Wm. D. and Winnie (Smith) L.; reared on farm. B.S.A., Kans. State Agr. Coll., 1921. Alpha Zeta; Gamma Sigma Delta.

Lytle, Arthur Clinton, co. agrl. agt., Gaylord, Mich.

Field invest. in dairying, Mich. Agr. Coll., 1915-8. Sergeant Coast Art. Corps, U. S. Army, served in A. E. F. —*b.* Lawton, Mich., Sept. 12, 1891; *s.* Chas. S. and Estella (Birdsall) L.; reared on farm. B.S., Mich. Agr. Coll., 1915.

M

Maakestad, William Thomas, co. agrl. agt., Algona, Ia.

Teach. agr., high-sch., Holstein, Ia., 1916-7; Ft. Dodge, 1917-8. Served in U. S. Army, 1918-9. —*b.* Randall, Ia., Mar. 30, 1891; *s.* Wm. and Anna (Seymour) M.; reared on farm; *m.* Hannah Stalker, June 30, 1921. B.S., Ia. State Coll., 1916. Alpha Zeta.

Mabee, William Bruce, ext. ent., N. C. State Dept. Agr., Raleigh, N. C.

Instr. ent. and zool., Mont. State Coll., 1920. —*b.* Glasgow, Mont., Jan. 1, 1897; *s.* W. W. and Harriet May (Morgan) M.; reared on ranch; *m.* Lilla Earle Dowell, Feb. 5, 1923. B.S., Mont. State Coll., 1919.

MacArthur, John Wood, prof. genetics, Ont. Agr. Coll., and asst. prof. Univ. Toronto, Toronto, Ont.

Asst., Univ. Chicago, 1913-6; instr., Ill. Med. Sch., 1917-8. Served in Med. Corps, U. S. Army, 1918. —*b.* Buffalo, N. Y., Sept. 2, 1889; *s.* Geo. W. and Sarah (Wood) M.; reared on farm; *m.* Olive T. Turner, June 5, 1918; *c.* Helen T., John W. Jr., Jean T. B.A., Oberlin Coll., 1910; M.A., Wabash Coll., 1912; Ph.D., Univ. Chicago, 1920. Gamma Alpha; Nu Sigma Nu.

MacCurry, John Bruce, plant path., Dominion Expl. Farms, Ottawa, Ont.

Asst. in chg. Lab. of Plant Path., Brandon, Man., 1919; asst. plant path., St. Catherine, Ont., 1920; officer-in-chg. Lab. Plant Path., Charlottetown, P. E. I., 1921-3; present position, 1923-. —*b.* Ottawa, Ont., Feb. 14, 1894; *s.* Henry and Margaret (Orr) M.; reared in city. B.S.A., Univ. Toronto, 1918.

MacDaniels, Lawrence Howland, prof. pom., Cornell Univ., Ithaca, N. Y.

Asst. ent., Cornell Univ., 1912-3; instr. bot., 1913-7; asst. prof. pom., 1920-2; prof., 1922-. Mem. bot. raw products com., Nat. Res. Council; awarded Near East Relief medal. Traveled in Asia Minor, Egypt, Greece, 1919-20; Mex., 1920-1. *Auth.*: (with A. J. Eames) An Introduction to Plant Anatomy, 1925. —*b.* Fremont, O., Oct. 21, 1888; *s.* Heman Nye and Ellen Woodbury (Fay) M.; reared in town and on farm; *m.* Frances E. Cochran, June 3, 1916; *c.* Ellen Woodbury. A.B., Oberlin Coll., 1912; Ph.D., Cornell Univ., 1917. Sigma Xi; Gamma Alpha; Alpha Gamma Rho.

MacDermid, John Lawrence, co. agrl. agt., Newport, Vt.

b. Avonmore, Ont., Feb. 26, 1899; *s.* Peter and Mary (Steele) M.; reared on farm. B.S.A., Ont. Agr. Coll., 1923.

MacDonald, Gilmour Byers, prof. for., Ia. State Coll., Ames, Ia.

Asst. prof., 1911-4; prof., 1914-. —*b.* Carleton, Neb., Mar. 9, 1883; *s.* J. M. and Janet (Piercy) M.; reared in country and city; *m.* Edith L. Craig, Feb. 1, 1910; *c.* Gilmour Craig, Donald Craig, Mary Janet. B.Sc. in For., Univ. Neb., 1907; M.F., 1914. Alpha Theta Chi; Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

MacDonald, Thomas Harris, chief Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Asst. prof. civil engin., Ia. State Coll., 1904-5; chief engin., Ia. State Highway Comn., 1904-19; present position, 1919-. Mem. exec. com., Amer. Assoc. State Highway Officials. —*b.* Leadville, Colo., July 23, 1881; *s.* John and Elizabeth (Harris) M.; reared in town; *m.* Bess Dunham, 1907; *c.* Thos. H. Jr., Margaret Elizabeth. B.C.E., Ia. State Coll., 1904. Beta Theta Pi; Tau Beta Pi.

MacDougall, Allister Francis, manag. Middlesex Co. Ext. Serv., Waltham, Mass.

Ext. dept., Mass. Agr. Coll., 1913-5; agrl. agt. Hampshire Co., 1915-20; farm manag. specialist, Mass. Agr. Coll., 1920-3; present position, 1923-. —*b.* Westford, Mass., July 18, 1891; *s.* Alexander and Hattie (Lee) M.; reared on farm; *m.* Edna C. Comins, Mar. 20, 1915; *c.* Henriette Louise, Gordon Hosmer, Allister F. Jr. B.Sc., Mass. Agr. Coll., 1913. Phi Sigma Kappa.

MacDougall, John, clergyman, Port Elgin, Ont.

Special lect., Knox Coll., Toronto, 1914; lect. summer schs. *Auth.*: Rural Life in Canada, Its Trends and Tasks, 1913. —*b.* Ormstown, Que., Sept. 14, 1859; *s.* Wm. and Christena (MacPherson) M.; reared on farm; *m.* Frances Childerhose, 1889; *c.* Christina Frances, Florence Elizabeth, Helen Margaret, Baldwin Childerhose, Kenneth, John Lorne. B.A., McGill Univ.; D.D., Queen's Univ., 1914.

Macfarland, Charles S., general sec. Fed. Council of the Churches of Christ in Amer., 105 E. 22d St., New York, N. Y.

Ordained Congregational minister, 1897; asst. biblical literature, Yale Univ., 1899-1900; minister, Malden, Mass., 1900-6; pastor, S. Norwalk, Conn., 1906-11; lect., Yale Divinity Council of Churches of Christ, 1911-2; gen. sec., 1912-. Mem. Nat. Bd. Censorship of Moving Pictures; Nat. Com. on Prison Labor; Nat. Civic Fed.; nat. field scout comnr. of Boy Scouts of Amer. Del. to World Alliance of Churches, Constance, Germany, 1914; Latin-Amer. Conference, Panama, 1916; special comnr. to France, 1918; Knight of the Legion of Honor (France), 1919; Officer of the Order of Leopold (Belgium), 1919. *Auth.*: The Spirit Christ-like, 1903; Jesus and the Prophets, 1905; The Infinite Affection, 1906; Spiritual Culture and Social Service, 1912; Christian Unity at Work 1913; Christian Service and the Modern World, 1915; The Progress of Church Federation, 1917; International Christian Movements, 1924. *Ed.*, The Christian Ministry and the Social Order, 1910; The Churches of the Federal Council, 1916; The Churches of Christ in Council, 1917; The Churches of Christ in Time of War, 1917; Library of Christian Cooperation, 1917. (Country church). —*b.* Boston, Mass., Dec. 12, 1866; *s.* Daniel and Sarah A. (Crafts) M.; reared in city; *m.* Mary Perley Merrill, Mar. 9, 1904; *c.* Chas. S. Jr., Lucia Merrill, Jas. Merrill. B.D., Yale Univ., 1897; Ph.D., 1899; D.D., Ursinus Coll., 1915; D.D., Divinity Faculty of Paris, 1918.

Macfarlane, Wallace, sales manag. of N. Calif., Pacific Guano and Fertilizer Co., San Francisco, Calif.

Chem., Utah Chem. and Fert. Co., summers 1907-8; asst. supt., Utah Sulphur Co., 1909: asst. chem., Utah Exp. Sta., 1910-2; asst. prof. agron., Okla. A. & M. Coll., 1916-7; agron., Univ. Ariz., 1917; chem., Hawaii Agrl. Exp. Sta., 1919-20; agrl. adv. Hawaiian Fertilizer Co., Ltd., Honolulu, 1920-2. In Regular U. S. Army, 1917-8; in Chem. Warfare Serv., 1918. —*b.* Silver Reef, Utah, Dec. 18, 1886; *s.* John Morton and Nora (Andrus) M.; reared on farm and in city; *m.* Daisy Dean Marsh, June 7, 1917; *c.* Wallace Marsh. B.S., Univ. Utah, 1910; M.S., Univ. Ill., 1913; Ph.D., 1915. Phi Delta Theta.

MacGillivray, Alexander Dyer, prof. ent., Univ. Ill., Urbana, Ill.; July 15, 1868—Mar. 24, 1924. See Rus 1920.

MacIntire, Walter Hoge, soil chem., Univ. Tenn. Exp. Sta., Knoxville, Tenn.

Chem., N. C. State Bd. Health, 1905-7; asst. an. nutr., Pa. Inst. An. Nutr., 1907-8; assoc. agron., Penn. State Coll., 1908-10; assoc., 1910-2; present position, 1912-. Assoc. referee and referee, Assoc. Official Agrl. Chems., 1911-8, referee for soils, 1919. (Lime and sulfureous fertilizers). —*b.* Wilmington, N. C., May 19, 1885; *s.* Robt. Mosier and Sarah Lavinia (McKay) M.; reared in city; *m.* Edna E. Meyer, Feb., 1911; *c.* Sara Elizabeth, J. Robt. Wilson. B.S., N. C. A. & M. Coll., 1905; M.S., Penn. State Coll., 1909; Ph.D., Cornell Univ., 1916. Sigma Xi; Phi Kappa Phi; Kappa Alpha.

Mack, Arthur Ellwood, superv. voc. agr. for Westmoreland Co., Greensburg, Pa.

Superv. agr., Greene-Dreher Voc. Sch., Newfoundland, Pa., 1916-8; high-sch., Towanda, 1919-24; present position, 1924-. 2d Lieut. U. S. Army, 1918. —*b.* Flicksville, Pa., Jan. 25, 1894; *s.* Oscar and Annie Maria (Lockard) M.; reared on farm; *m.* Alice M. Amy, June 14, 1919; *c.* Joyce D., Francis A. B.S., Penn. State Coll., 1916. Phi Kappa Phi.

Mack, Warren Bryan, asst. prof. veg.-gard., Penn. State Coll., State College, Pa.

Teach. sci., high-sch., Manasquan, N. J., 1915-8; tester in general lab., N. Y. Edison Co., 1919; instr. pom., Mass. Agr. Coll., 1921-3; instr. hort., Penn. State Coll., 1923; asst. prof. veg-gard., 1924-. 2d Lieut. Field Art., U. S. Army, World War. —*b.* Flicksville, Pa., Jan. 18, 1896; *s.* Oscar and Annie M. (Lockard) M.; reared on farm; *m.* Pauline Gracia Beery, Dec. 27, 1923. Ph.B., Lafayette Coll., 1915; B.Sc., Penn. State Coll., 1921; M.Sc., Mass. Agr. Coll., 1924. Phi Beta Kappa; Phi Kappa Phi; Alpha Zeta.

MacKay, Kenneth George, supt. production, Coop. Creamery, Regina, Sask.

Asst. prof. dairying, Univ. Sask., 1914-7; prof., 1917-20; supt. branches, Sask. Coop. Creameries, Ltd., 1920-3; present position, 1923-. Asst. dairy comnr., Sask., 1913-4. Sec. Sask. Dairymens Assoc., 1915-. Traveled in India and Europe, 1906. —*b.* Scotsburn, N. S., July 30, 1882; *s.* Daniel G. and Catherine (MacDonald) M.; reared on farm; *m.* Anna M. Nairn, Mar. 24, 1909; *c.* Jas. Kenneth, Catherine Elizabeth. B.S.A., Ont. Agr. Coll., 1906; M.S., Ia. State Coll., 1913.

MacKay, Norman Cairns, dir. ext. serv., Man. Agr. Coll., Winnipeg, Man.

Instr. agr., Pearson Acad., Walla Walla, Wash., 1911-2; agrl. rep., Walkerton, Ont., 1912-20; asst. supt. ext. serv., Man., 1921-3; dir., 1923-. —*b.* Scotsburn, N. S., Jan. 14, 1888; *s.* Daniel and Catherine (MacDonald) M.; reared on farm; *m.* Annie Maud O'Droskie, Dec. 9, 1914; *c.* Catherine Margaret, Donald Hobson. B.S.A., Ont. Agr. Coll. and Univ. Toronto, 1911.

MacKay, William Angus, provincial dairy supt., Truro, N. S.

b. Bruce Co., Ont., Mar. 31, 1879; *s.* Geo. S. and Ann (Fletcher) M.; reared on farm; *m.* Sadie Tennyson, Mar. 28, 1907; *c.* Jean E., Geo. S. Grad. O. A. C. Dairy Sch., 1899; Northern Business Coll., 1906.

Mackie, William Wylie, asst. prof. agron., Univ. Calif., Berkeley, Calif.

With U. S. Bur. Soils, 1903-10; dir. agr., Yaqui Valley Irrig. Project, Sonora, Mex., 1910-5; with Univ. Calif. and U. S. Dept. Agr., 1917-. Traveled in Europe and Turkestan, 1912. (Agr. in semi-arid regions). —*b.* San Francisco, Calif., July 24, 1873; *s.* J. W. and Helen A. (Goodell) M.; reared in city and country; *m.* Julia A. Manchester, 1899; *c.* Jane. B.S., Univ. Calif., 1903; M.S., 1916. Sigma Xi.

Mackintosh, David Leslie, asst. prof. an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Instr. an. husb., Kans. State Agr. Coll., 1921-2; asst. prof. horse and meat invests., 1922-. Sec. Kans. State Live Stock Registry Bd.; sec. Kans. Horse Breeders Assoc. Staff Sergeant with Canadian forces, 1917-9. —*b.* Peebles, Scotland, Apr. 18, 1895 (naturalized 1925); *s.* Daniel L. and Elizabeth (Falconer) M.; reared on farm; *m.* Constance S. Clapp, June 1923; *c.* David Otis. B.S.A., Univ. Minn., 1920. Sigma Phi Epsilon; Phi Kappa Phi.

Mackintosh, Roger Sherman, exhibit specialist, Univ. Minn., University Farm, St. Paul, Minn.

Asst. hort., Minn. Exp. Sta., 1896-1903; prof. hort., Ala. Poly. Inst., 1903-9; state hort., Ala., 1903-9; asst. hort., Ia. State Coll., 1909-10; asst. hort., Penn. State Coll., 1910-1; instr. agr., high-sch., Caledonia, Minn., 1911-3; ext. specialist hort., Univ. Minn., 1913-23; present position, 1923-. Fellow A. A. A. S. Sec. Ala. State Hort. Soc., 1903-9; pres. Minn. State Hort. Soc., 1918-9, asst. sec., 1919-20, sec. 1920-. *Ed.*, Minnesota Horticulturist. —*b.* Lincoln, Mass., Feb. 18, 1872; *s.* Wm. and Eliza Jane (Tuttle) M.; reared on farm; *m.* Laura Belle Wright, Sept. 18, 1901; *c.* Orlesta May. B.Agr., Univ. Minn., 1902; M.S., Ia. State Coll., 1910. Gamma Sigma Delta.

Macklin, Theodore, prof. agrl. econ., Univ. Wis., Madison, Wis.

Ext. dairy lect., Ia. State Coll., 1911-2; prof. agrl. econ., Kans. State Agr. Coll., 1915-9; present position, 1919-. —*b.* Nanking, China, Nov. 10, 1889; *s.* W. E. and Dorothy (DeLany) M.; *m.* Miriam Josephine Robinson, Dec. 28,

1915; *c.* Doris Elizabeth, Theodore Jr., Richard Eugene. B.S.A., Ia. State Coll., 1911; Ph.D., Univ. Wis., 1917. Alpha Zeta; Gamma Sigma Delta; Delta Sigma Rho; Acacia.

Maclaren, Alexander, rural community organization sec., Ont. Agr. Coll., Guelph, Ont.

In dairy dept., Ont. Agr. Coll., 1909; lect. in dairying, Univ. Ga., 1910; Y. M. C. A. work, 1910-6; lect. rural sociol., Ont. Agr. Coll., 1916-8; lect. rural community work, Khaki Univ. in Overseas Canadian Army, 1918-9; community organization work, Social Serv. Council of Ont., 1920-3. —*b.* Edinburgh, Scotland, July 9, 1885; *s.* John Wilson and Margaret (Scott) M.; *m.* Minnie Stewart Walker, July 2, 1912; *c.* John Wilson, Wm. Jas., Alexander Stewart, Williamena Margaret. B.S.A., Toronto Univ., 1909.

MacLennan, Archibald Henderson, prof. hort., Ont. Agr. Coll., Guelph, Ont.

Dem. in hort., Ont. Agr. Coll., 1910-4; lect. hort., Macdonald Coll., 1914-6; chg. hort. work, H. J. Heinz Co., Pittsburgh, Pa., 1915-6; present position, 1922-. Vice-pres. Veg. Growers Assoc. of Amer.; dir. Royal Winter Fair, Toronto. (Veg.-growing). —*b.* Underwood, Ont., Sept. 3, 1878; *s.* Geo. and Mary (Currie) M.; reared in village; *m.* Ethel Hastings, 1902 (d. 1917); 2d Edith Darch, 1919; *c.* Mildred Ethel. B.S.A., Univ. Toronto, 1908.

MacLeod, Donald John, in chg. Dominion Plant Path. Lab., Fredericton, N. B.

(Root and veg. diseases). —*b.* Dunvegan, Ont., June 30, 1894; *s.* John D. and Annabel (MacLeod) M.; reared on farm. B.A., Queen's Univ., 1921; M.A., 1922; student Canadian Res. Council, 1922-4.

MacMillan, Angus Alexander, chief sheep and swine div., Dominion Live Stock Branch, Ottawa, Ont.

Asst. agrl. rep., Durham Co., Ont., 1913; asst. an. husb., MacDonald Coll., 1914; ext. sheep husb., 1915-8; assoc. prof. an. husb., Man. Agr. Coll., 1919; present position, 1920-. —*b.* Dutton, Ont., Feb. 1, 1888; *s.* Alex and Margaret (McNiven) M.; reared on farm; *m.* Pearl Carter, Aug. 6, 1913; *c.* Donald, Angus, Douglas, Annabel. B.S.A., Ont. Agr. Coll., 1912.

MacMillan, Howard Gove, plant path., U. S. Dept. Agr., Greeley, Colo.

With Bur. Plant Ind., U. S. Dept. Agr., 1915-. (Diseases of potatoes and trucks crops). —*b.* Schaghticoke, N. Y., June 24, 1890; *s.* Archibald and Mary Jane (Gove) M.; reared in town and on farm; *m.* Cornelia Mathews, June 8, 1917; *c.* Marjorie Jane, Mary Alice. Ph.B., Brown Univ., 1912; M.S., Univ. Wis., 1913; Ph.D., 1919. Sigma Xi; Sigma Nu.

Macoun, William Terrill, Dominion hort., Cent. Expl. Farm, Ottawa, Ont.

Asst. to dir. and foreman for., Cent. Expl. Farm, 1893-6; curator of arboretum and bot. gard., 1896-8; hort. and curator arboretum and bot. gard., 1898-1910; Dominion hort., 1910-. Vice-pres. Amer. Pom. Soc.; vice-pres. Potato Soc. of Amer.; vice-pres. Soc. for Hort. Sci. Del. to Royal Intern. Hort. Exhibition, London, 1912. —*b.* Belleville, Ont., Jan. 27, 1869; *s.* John and Ellen (Terrill) M.; reared in city; *m.* Elizabeth Macoun, Oct. 3, 1895; *c.* John, Norah, Mary, Patricia. Grad. Ottawa Collegiate Inst.

Macpherson, Hector, prof. econ. and sociol. and dir. Bur. Markets, Ore. Agr. Coll., Corvallis, Ore.

Instr. econ. and sociol., Mich. Agr. Coll., 1909-11; instr. econ., Univ. Ill., 1911-2; present position, 1912-. Mem. Amer. Comn. to study agrl. and rural credits in Europe, 1913; mem. State Rural Credits Comn., 1913-4. —*b.* Ont., Apr. 22, 1875 (naturalized 1916); *s.* Alexander M. and Miriam (Fairgrieve) M.; reared on farm; *m.* Margaret Buchanan Dupee, 1912; *c.* David Dupee, Miriam Elizabeth, Hector Jr. B.A., Queen's Univ., 1903; S.M., Univ. Chicago, 1909; Ph.D., 1911; student Univ. Halle, Univ. Berlin.

MacSpadden, Floyd E., co. agrl. agt., Great Falls, Minn.

Agrl. agt. Cascade Co., Mont., 1917-. Served in U. S. Army, 1918-9. —*b.* Anaconda, Mont., Nov. 2, 1892; *s.* Floyd F. and B. H. M.; reared on farm; *m.* Georgia F. Knott, Aug. 3, 1920; *c.* F. E. Jr., Donald Robt. B.S., Mont. State Coll. Sigma Alpha Epsilon.

MacSween, Roderick Joseph, agrl. rep., Beaver Cove, N. S.

Dir. Beaver Cove Coop. Soc. (Feeding live-stock). —*b.* Beaver Cove, N. S., July 20, 1893; *s.* Alexander and Sarah (Johnston) M.; reared on farm; *m.* Catherine MacKinnon, Sept. 4, 1923. Grad. N. S. Agr. Coll., 1923.

MacVean, Ralph J., teach. agr. and supt. schs., Lowell, Mich.

Teach. rural schs., Allegan and Kalamazoo cos., Mich., 1913-6; teach. sci. and math., high-sch., Petoskey, 1918-20; supt. schs., Pellston, 1920-1; present position, 1922-. —*b.* Plainwell, Mich., Sept. 29, 1894; *s.* D. J. and Lillian (Pollitt) M.; reared on farm; *m.* Jennie Hazel Dorey, May 24, 1915; *c.* Edgar, Lester, Genevieve. Grad. Kalamazoo Normal, 1918; B.S., Mich. Agr. Coll., 1922.

Macy, Harold, asst. prof. dairy bact. and asst. dairy bact. Exp. Sta., Univ., Minn., University Farm, St. Paul, Minn.

Bact., Mutual-McDermont Dairy Corp., N. Y. City, 1916; bact. for city of Geneva at N. Y. State Exp. Sta., 1917; present position, 1919-. With Amer. Red Cross Sanitary Serv., 1917-8; in U. S. Army, path. lab., 1918-9. —*b.* Hudson, N. Y., Jan. 23, 1895; *s.* Frank Weed and Carrie (Damm) M.; reared in city. B.S., Cornell Univ., 1917. Kappa Sigma; Alpha Zeta; Gamma Alpha.

Madden, Thomas Joseph, teach. voc. agr., high-sch., New Richmond, Wis.

b. New London, Wis., July 5, 1892; *s.* Thos. and Elizabeth (Rohan) M.; reared on farm; *m.* Josephine Davin, June 30, 1919; *c.* Thos. Chas. B.S., Univ. Wis., 1917.

Maddox, Walker Hermon, teach. voc. agr., high-sch., Joelton, Tenn.

Head manual arts dept., Messick Training Sch., 1921-2; dir. physical educ., Peabody Coll., 1924-5; present position, 1925-. (Field crops). —*b.* Savannah, Tenn., Feb. 19, 1901; *s.* Thompson H. and Olive B. M.; reared on farm; *m.* Rosalie Allen, Aug. 16, 1924. B.S., Peabody Coll., 1923; M.A., 1924.

Maddux, Henry Towns, special agt. crop insurance, Hartford Fire Insurance Co., Atlanta, Ga.

Jr. prof. journalism and agrl. ed., Univ. Ga., 1917-20. Served in U. S. Army, World War. (Agrl. advertising and publicity). —*b.* Senoia, Ga., Jan. 23, 1893; *s.* John Henry and Lulu Belle (Towns) M.; reared on farm. A.B., Univ. Ga., 1914; B.S.A., 1916.

Madison, Clyde Chloe, co. agrl. agt., Aurora, Ind.

Teach. grades, 1909-12. Mem. Dearborn Co. Council of Defense. —*b.* Boone Co., Ind., June 19, 1883; *s.* Wm. and Emma (Craig) M.; reared on farm. B.S., Marion Normal Coll., 1909; B.S.A., Purdue Univ., 1917.

Madison, Francis S., co. agrl. agt., E. Greenwich, R. I.

Farmer, 1912-21; instr. an. husb., Mass. Agr. Coll., short-course 1914; co. agrl. agt., 1921-. Formerly sec. S. R. I. Farm Bur. and pres. E. Greenwich Dairy Co. (Dairying). —*b.* Warwich, R. I., Nov. 8, 1887; *s.* Geo. M. and Fannie L. (Spuhr) M.; reared on farm; *m.* Minnie E. Shepard, Apr. 1920; *c.* Ralph S. B.S., Mass. Agr. Coll., 1912.

Madison, Henry Maxwell, general farm and immigration agt., S. A. & A. P. Railway, 420 Bedell Bldg., San Antonio, Tex.

Farmer, Tex., 1915-20; ed., author and newspaper correspondent. Sec.-treas. Tex. Ry. Development Assoc. (Farm and ind. econ.). —*b.* near New Albany, Ind., May 29, 1864; *s.* Peter and Lucy (McQuain) M.; reared on farm; *m.* Clara Duggan, Dec. 23, 1902.

Madison, Lawrence Chester, asst. prof. an. husb. ext., Penn. State Coll., State College, Pa.

Farmer, Va., Ia., Ill., 9 yrs. Field rep. Amer. Poland-China Record Assoc.; sec. Ill. Poland-China Breeders Assoc. —*b.* Boone, Ia., Dec. 7, 1887; *s.* Z. H. and Margaret Jane (Williams) M.; reared in city; *m.* Lula Elizabeth Hutchison, Apr. 12, 1913; *c.* Lawrence Emory, Mary Elizabeth. B.S., Univ. Ill., 1918. Alpha Zeta.

Madson, Ben Adolph, asst. prof. agron., Univ. Calif., Davis, Calif.

b. Jewell Jct., Ia., Mar. 19, 1887; *s.* Nels and Johanna (Jepson) M.; reared on farm; *m.* Mary Ellen Quane, June 26, 1912. B.S.A., Ia. State Coll., 1907. Alpha Zeta; Gamma Sigma Delta.

Magee, Wayland Wells, farm manag., Bennington, Neb.

Treas. Douglas Co. Live Stock Breeders Assoc. Traveled around world, 2 yrs. (Corn, pigs). —*b.* Chicago, Ill., Sept. 24, 1881; *s.* Henry Wells and Hattie Belle (Pratt) M.; *m.* Marion Edith Thomas, Nov. 24, 1914 (d. 1920); *c.* Louise Field II., Marion Thos. S.B., Univ. Chicago, 1905; admitted to Ill. Bar, 1908; student Univ. Bonn, Germany, Harvard Univ., Ogden Grad. Sch., Univ. Neb. Alpha Delta Phi.

Magill, Edmund Charles, assoc. prof. agrl. educ. and itinerant teacher-trainer, Va. Poly. Inst., Blacksburg, Va.

Grad. instr., Kans. State Agr. Coll., 1912-3; agrl. instr., associated schs., Wayzata, Minn., 1913-6; garden specialist, Va. Poly Inst., 1918-9; present position, 1919-; manag. partner, Parkhead Orchard Co., Big Pool, Md., 1916-8. Mem. bd. dirs., Potomoc Fruit Exchange, Cumberland, Md., 1917-8. —*b.* Kingman, Kans., Nov. 8, 1889; *s.* Chas. Arthur and Evangeline Constance (Ward) M.; reared in town; *m.* Mildred Barr, June 30, 1915; *c.* Walter Barr, Chas. A. Jr., Mildred. B.S., Kans. State Agr. Coll., 1912; M.S., Va. Poly. Inst., 1924. Sigma Nu; Alpha Zeta.

Magnuson, Harry Peter, asst. soil, chem., Ida. Agr. Exp. Sta., Moscow, Ida.

With Tex. A. & M. Coll., 1916; soil sci., Bur. Soils, U. S. Dept. Agr., 1917-20; present position, 1920-. —*b.* Gottenburg, Neb., May 11, 1889; *s.* John and Christine (Johnson) M.; reared on farm. B.Sc., Univ. Neb., 1916; M.Sc., Univ. Ida., 1923. Sigma Xi; Alpha Zeta; Alpha Chi Sigma.

Magoon, Charles Alden, bact., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. chem. and bact., Boston Biochem. Lab., 1911-3; assoc. prof. bot. and asst. bact. Exp. Sta., Wash. State Coll., 1913-5; assoc. prof. bact. and bact., 1916-8; present position, 1918-. (Bact.). —*b.* St. Albans, Me., Oct. 14, 1883; *s.* Lindley H. and Elizabeth S. (Bates) M.; reared on farm; *m.* Ella Briggs Russell, Sept. 3, 1913. A.B., Bates Coll., 1910; grad. student Mass. Inst. Tech., 1910-1, Univ. Minn., 1915-6; Ph.D., American Univ., 1924. Phi Beta Kappa.

Magruder, Don G., ext. dairy specialist, Wash. State Coll., Pullman, Wash.

Sci. asst., U. S. Dept. Agr., 1910-3; agrst., 1915-20; present position, 1920-. —*b.* Winfield, Mo., Dec. 25, 1883; *s.* W. M. and Elizabeth (Gentry) M.; reared on farm; *m.* Laura Morris, Nov. 6, 1915; *c.* Don G. Jr. A.B., Univ. Mo., 1907; B.S.A., 1911; M.S., 1914. Alpha Zeta; Delta Tau Delta.

Magruder, William Thomas Jr., dairy specialist, Purina Mills, St. Louis, Mo.

Chem., John Wildi Evaporated Milk Co., 1915; manag. Ewell Farm, Spring Hill, Tenn., 1916-8; state dairy comnr., Nashville, Tenn., 1918-23; manag. Tenn. Creameries, Nashville, 1924. —*b.* Nashville, Tenn., Dec. 11, 1892; *s.* Wm. Thos. and Ellen (Malone) M.; reared in city; *m.* Eliza Warren, Feb. 22, 1919. B.A., Ohio State Univ., 1915; B.Sc. in Agr., 1916. Beta Theta Pi.

Mahan, Charles Alfred, state agt. co. agt. work, Univ. Ky., Lexington, Ky.

Field test asst., Ky. Exp. Sta., 1907; special agt., tobacco invests., U. S. Dept. Agr., 1908-9; teach. sci. Bur. Educ. and supt. Tobacco Exp. Sta., Philippine Isls., 1909-11; stock farmer, Ky., 1912; co. agrl. agt., Henderson, Ky., 1913, Winchester, Ind., 1914-6, Fremont, O., 1917; distr. superv. co.

agrl. agt. work, Ohio State Univ. — *b.* Ky., Jan. 29, 1888; *s.* W. M. and Louisa (Archer) M.; reared on farm; *m.* Mary Dent King, 1915. B.S.A., Univ. Ky., 1907; M.S., 1908.

Maheux, Georges, provincial ent., Dept. Agr., Quebec, Que.

Sec. Faculty of For., Laval Univ., 1914-6; prof. for. protection, 1916-. Dir. Que. Soc. for Protection of Plants. (Econ. ent.). —*b.* S. Julie, Que., Dec. 8, 1889; *s.* Joseph and Celine (Gagné) M.; reared in country; *m.* Julie Mathieu, June 14, 1915. B.A., Laval Univ., 1911; For. Engin., 1914.

Mains, Edwin Butterworth, assoc. bot., Purdue Univ. Agr. Exp. Sta., La-Fayette, Ind.

Asst. bot., Purdue Univ., 1916-8; assoc. bot., 1918-; agt. cereal disease invests., U. S. Dept. Agr., 1918-. (Rust resistance of cereals). —*b.* Coldwater, Mich., Mar. 31, 1890; *s.* Benj. W. and Mary (Butterworth) M.; reared on farm; *m.* Mary Esther Elder, Aug. 16, 1917. A.B., Univ. Mich., 1913; Ph.D., 1916. Sigma Xi.

Mairs, Thomas Isaiah, head dept. correspondence courses, Penn. State Coll., State College, Pa.

Supt. field exps., Univ. Ill., 1896-7; asst. agr. and supt. farm, Univ. Mo., 1897-1901; asst. correspondence courses, Penn. State Coll., 1901-3; asst. prof. an. husb., 1903-7; assoc. prof., 1907-9; prof. agrl. educ., 1909-. Staff of Rural Educator. —*b.* Browning, Mo., Apr. 16, 1871; *s.* Joseph W. and Mary (Curtis) M.; reared on farm; *m.* Charlotte M. Riley, July 30, 1902; *c.* Thos. I. Jr., J. Curtis, Edward S. B.Agr., Univ. Mo., 1896; M.S., 1900. Alpha Zeta.

Major, Horace Fairchild, lands. arch., assoc. prof. lands. arch. and hort., supt. grounds, Univ. Mo., Columbia, Mo.

Instr. lands. gard., Univ. Ill., 1908-10; present position, 1910-. Traveled in Europe and England. —*b.* Ithaca, N. Y., Oct. 25, 1884; *s.* Wm. F. and Estelle (Tripp) M.; reared in city. B.S.A., Cornell Univ., 1908. Theta Xi; Alpha Gamma Rho; Sigma Kappa Zeta; Phi Mu Alpha.

Malcolm, Francis Mavor, teach. agr. and superv. princ. schs., Shelburne, Vt.

Princ. high-sch., Masardis, 1912-5; E. Boothbay, 1915-7; instr. sci. and math., Montpelier Sem., 1920-1; present position, 1923-. —*b.* Easton, Me., Mar. 6, 1893; *s.* Geo. and Jean (Mavor) M.; reared on farm. B.S., Cornell Univ., 1923. Alpha Zeta.

Mallmann, Walter LeRoy, asst. prof. bact. and hygiene and res. asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Asst. co. agrl. agt., 1918; instr. bact., Mich. Agr. Coll., 1918-20; asst. prof., 1920-. (Poultry diseases). —*b.* Chicago, Ill., Oct. 29, 1895; *s.* Joseph J. and Katherine B. (Willson) M.; reared in city; *m.* Margaret E. Stoll, Dec. 21, 1917; *c.* Roy Stoll, Margie Joyce, Merle Lenore. B.S., Mich. Agr. Coll., 1917; M.S., 1924. Alpha Zeta; Phi Sigma.

Mally, Frederick William, farm dem. dir., U. S. Dept. Agr., and dir. farm and truck crop irrig. projects, Laredo, Tex.

Asst. state ent., Ill., 1890; asst. ent., U. S. Dept. Agr., 1890-2; general manag., Galveston Nursery & Orchard Co., Dickinson, Tex., 1893-8; proprietor, 1898-; proprietor Mally Nursery Co.; Tex. state ent. and prof. ent., Tex. A. & M. Coll., 1899-1903; state ent., Tex. Dept. Agr., 1909-10; dir. farms, gardens and orchards, Cross S. Farming Co., 1910-5; present position, 1915-. Sec. Laredo Chamber of Commerce. Pres. Tex. State Hort. Soc., 1900; pres. State Truck Growers Assoc., 1901. —*b.* Des Moines, Ia., Nov. 30, 1868; *s.* Frederick Henry and Anna Katherine (Stoetzel) M.; *m.* Mattie J. Tabor, July 15, 1909. M.Sc., Ia. State Coll.

Malone, Robert Emmick, state. teach. trainer for Fed. Bd. Voc. Educ., Agr. and Tech. Coll., Greensboro, N. C.

Dir. orcharding, Tuskegee Inst., 1910-2; dir. agr., Western Univ., 1912-5; dir. agr., Topeka Inst., 1915-7; formerly dir. agr., and princ. Orange Co. Training Sch., Chapel Hill, N. C. —*b.* Louisville, Ky., Apr. 25, 1888; *s.* Edward C.

and Cora Lee (Hansberry) M. (col.); reared in city; *m.* Mattie Frances Holmes, Sept. 4, 1912; *c.* Cora May, Ethel. Grad. Hampton Inst., 1909; student Cornell Univ., 1919.

Manchester, Allen Wilbur, farm manag. dem., Conn. Agr. Coll., Storrs, Conn.

Co. agrl. agt., Litchfield Co., Conn., 4 yrs.; dairy and general farmer, Bristol, 10 yrs. —*b.* Bristol, Conn., Mar. 14, 1883; *s.* Elbert and Mary Hamilton (Blakesley) M.; reared on farm; *m.* Marie Lovsnes, Mar. 31, 1919. B.Agr., Conn. Agr. Coll., 1903; B. A., Brown Univ., 1906. Delta Tau Delta.

Maney, Thomas Joseph, chief pom. sect., Ia. Exp. Sta., Ames, Ia.

Asst. pom., Ia. Exp. Sta., 1912-5; asst. chief pom., 1915-7; chief, 1917-. —*b.* Geneva, N. Y., Apr. 24, 1888; *s.* Thos. and Ellen (Desmond) M.; reared on farm; *m.* Lois M. Rath, Nov. 20. 1922. B.S., Ia. State Coll., 1912. Sigma Xi; Alpha Sigma Phi; Alpha Zeta; Gamma Sigma Delta.

Manikowske, Cecile A., home dem. agt., Hampton, Ia.

Instr. home econ., high-sch., Langdon, N. D., 1916-8; Minot, 1918-20; superv. home econ., city schs., Crookston, Minn., 1920-2; home dem. agt. Franklin Co., Ia., 1922-. —*b.* Mooreton, N. D., Aug. 12, 1895; *d.* Thos. and Cecelia (Jerezeck) M.; reared on farm. B.S., N. D. Agr. Coll., 1916; M.A., Univ. Minn., 1925.

Manley, Percy Cyrus, supt. Augusta Co. Branch Sta., Va. Agr. Exp. Sta., Staunton, Va.

Agrl. agt. Wetzel Co., W. Va., 1915-7; farm manag., Fairmont, W. Va., 1917-8; agrl. agt. Augusta Co., Va., 1918-23; present position, 1924-. —*b.* Marion Co., W. Va., Aug. 19, 1887; *s.* John R. and Alice (Morris) M.; reared on farm; *m.* George Anna McKendree, July, 1915; *c.* Geo. McKendree. B.S.A., W. Va. Univ., 1915. Kappa Alpha.

Mann, Albert Russell, dean N. Y. State Coll. Agr., Cornell Univ., Ithaca, N. Y.

Asst. supt. Thompson Isl. Sch., Boston, 1904-5; asst. ed., Bailey's Cyclopedia Amer. Agr., 1905-8; asst. prof. dairy ind., Cornell Univ., 1908; sec. to dir. and ed., 1909-10; sec. and registrar, Coll. Agr., prof. agrl. editing, 1910-5; prof. rural social organization, 1915-6; acting dean Coll. Agr., 1916-7; dean, 1917-; dir. agr. for Europe, Intern. Educ. Bd., 1924-6. *Auth.*: Beginnings in Agriculture, 1911. (Rural social organization). —*b.* Hawkins, Pa., Dec. 26, 1880; *s.* Wm. I. and Sarah (Lansing) M.; reared in city; *m.* Mary Douglass Judd, Aug. 23, 1906; *c.* Marion Lansing, Jeanette Wilbur, Malcolm Judd, Dorothy Douglass. B.S.A., Cornell Univ., 1904; A.M., Univ. Chicago, 1916. Sigma Xi; Alpha Zeta; Kappa Delta Rho.

Mann, Charles William, pom. in chg. fruit transportation and storage invests., Bur. Plant Ind., U. S. Dept. Agr., 314 Bradbury Bldg., Los Angeles, Cailf.

Asst., Bur. Soils, 1906-9; asst. pom., Bur. Plant Ind., 1909-14; pom., 1914-9; present position, 1919-. Conducted invest. on shipment and handling of fruits exported from Porto Rico, 1913. (Handling, transportation and storage invests. of fruits and vegetables). —*b.* Pittsburg, Pa., Jan. 4, 1879; *s.* Wm. I. and Sarah (Lansing) M.; reared in city and on farm; *m.* Caroline W. Judd, July 24, 1912; *c.* Douglass Lansing, Wm. I. B.S.A., Cornell Univ., 1906. Alpha Zeta.

Mann, Verner John, co. agrl. agt., Frankfort, Ind.

Farmer, 1915-7; agrl. agt. Clark Co., Ind., 1919-22; Clinton Co., 1922-. Sergeant, U. S. Army, 1917-9. —*b.* Austin, Ind., Jan. 14, 1892; *s.* Chas. E. and Cora N. (Montgomery) M.; reared on farm; *m.* Myrtle Marie Bove, Apr. 10, 1920. B.S.A., Purdue Univ., 1915.

Manning, Albert, farmer, Otisville, N. Y.; Feb. 2, 1864-Feb. 19, 1924. See Rus 1920.

Manning, Frank Leroy, teach. voc. agr., high-sch., Swedesboro, N. J.

Instr. agrl. econ., Rutgers Univ., 1923-4; present position, 1924-. Treas. Orange Co. Farm Bur. Served in U. S. Navy, 1917-8. —*b.* Otisville, N. Y.,

Mar. 4, 1898; *s.* Albert and Hattie E. (Green) M.; reared on farm. B.S., Cornell Univ., 1919; M.S., Rutgers Univ., 1924. Alpha Gamma Rho.

Manning, Warren Henry, lands. designer and regional planner, 210 Brattle Bldg., Cambridge, Mass.

With F. H. Gilson Co., music printers, Boston, 1 yr.; professional training in office of Frederick Law Olmsted, Sr. Mem. Mass. Soldiers Farm Comn.; lands. designer Finger Lakes State Parks Comn., Ithaca, N. Y.; mem. N. Y. State Council of Parks; chm. town for. comn., Billerica, Mass. Organizer and sec. Amer. Park and Outdoor Art Assoc.; organizer and pres. Amer. Soc. Lands. Arch.; mem. bd. dir. Amer. Civic Assoc. and Federated Societies. *Auth.*: (with Dr. Lambeth) Jefferson as an Architect and Designer of Landscapes. —*b.* Reading, Mass., Nov. 7, 1860; *s.* Jacob Warren and Lydia Brooks (Chandler) M.; reared on father's nursery; *m.* Henrietta Hamblin Pratt, June 2, 1885; *c.* Warren Harold.

Manns, Thomas Franklin, plant path. and soil bact., Univ. Del., Newark, Del.

Asst. bot., N. D. Agr. Coll., 1903-4; princ. high-schs., Philippine Isls., 1904-7; asst. bot., Ohio Exp. Sta., 1907-11; soil bact., 1911-2; present position, 1912-. Traveled through Orient and Europe. —*b.* Logan, Ont., Nov. 7, 1876 (naturalized 1883); *s.* Henry and Fannie (Symmons) M.; reared on farm; *m.* Alys Ethel Reid, June 21, 1904; *c.* Marshall, Richard, Thos. Jr., Alson. B.S., N. D. Agr. Coll., 1901; M.S., 1903; Ph.D., Univ. Penn., 1913. Sigma Xi; Phi Kappa Phi.

Manwaring, Edward B., fruit-grower, Ann Arbor, Mich.

Practiced law in Wis., 30 yrs. Pres. Washtenaw Hort. Soc., 3 yrs. —*b.* Windsor, N. Y., Mar. 26, 1851; *s.* Edward S. and Sarah J. (Bundy) M.; reared on farm; *m.* Syndonia Barwise, May 3, 1877; *c.* Kate M., Edward B., Geo., Gladys, Joseph, Howard S., Fannie M., Roger, Barwise. Grad. law, Univ. Wis., 1875.

Mapes, Oscar W., farmer, Middletown, N. Y.

Dairy and poultry farmer, Orange Co., N. Y., 49 yrs. Father of Dairymens League movement. —*b.* Orange Co., N. Y., Oct. 2, 1848; *s.* Stephen S. and Jeannette (Mapes) M.; reared on farm; *m.* Mary Adelaide Mapes, 1870; *c.* Winfield H., Jennie, Jesse E., Stephen H.

Marbut, Curtis Fletcher, sci. in chg. soil survey, Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Instr. geol., Univ. Mo., 1895-7; asst. prof., 1897-9; prof., 1899-1910; in chg. Mo. State Soil Survey, 1905-10; present position, 1910-. Traveled in Europe, 1899-1900; Cent. Amer., 1919. —*b.* Lawrence Co., Mo., July 19, 1863; *s.* N. T. and M. J. (Browning) M.; reared on farm; *m.* Florence L. Martin, Dec. 17, 1891; *c.* Louise, Thos. Fiske, Wm. Martin, Helen, Frederick Browning. B.S., Univ. Mo., 1889; A.M., Harvard Univ., 1894; LL.D., Univ. Mo., 1916. Sigma Xi; Phi Beta Kappa; Sigma Alpha Epsilon.

Mares, Fred, teach. voc. agr., high-sch., Kenmare, N. D.

Teach. voc. agr., high-sch., Crosby, N. D., 1922-3; Kenmare, 1923-. —*b.* Wheatland, N. D., July 13, 1898; *s.* Ernest and Pauline (Lenze) M.; reared on farm. B.S., N. D. Agr. Coll., 1922. Theta Chi.

Marion, Jessie, home dem. agt., Sidney, Mont.

Teach. home econ., high-schs., New Prague, Luverne, Canby, Litchfield, Minn. —*b.* Steele Center, Minn.; *d.* Jas. and Mary Ann (Healey) M.; reared on farm. Student Carleton Coll., Northfield, Minn., 2 yrs. Alpha Delta.

Maris, Paul Vestal, dir. ext., Ore. Agr. Coll., Corvallis, Ore.

Field agt., Live-Stock Journal, 1907-8; deputy Ore. dairy and food comnr., 1908-10; dairy ext. agt. for U. S. Dairy Div., in Colo., 1910; agt. Saline Co., Mo., 1914-6; state co. agt. leader, Ore. Agr. Coll., 1916-20; present position, 1920-. —*b.* Newberg, Ore., Sept. 5, 1886;

s. N. C. and Lou Etta (Swaim) M.; reared on farm; *m.* Mary Elizabeth Davis, June 5, 1915; *c.* Lucile Elizabeth, Mary Pauline. B.S., Pacific Coll., Ore., 1907; B.S., Univ. Mo., 1914. Alpha Zeta.

Marks, Thomas Meriwether, co. agrl. agt., Hollis, Okla.

Supt. city schs., 2 yrs.; ed. farm papers, 15 yrs.; general and stock farmer, 10 yrs.; formerly co. agrl. agt., Gatesville, Tex. —*b.* Ark., Nov. 28, 1865; *s.* F. M. and Rebecca (Dansby) M.; reared on farm; *m.* Lutie Terrill, May 12, 1904; *c.* Thos. Harvie. A.B., Weatherford Coll.

Markwell, Earl David, asst. prof. hort., Okla. A. & M. Coll., Stillwater, Okla.

Formerly instr. agr., high-sch., Collinsville, Okla. 2d Lieut. U. S. Army, 1918. —*b.* Oklahoma Co., Okla., July 11, 1898; *s.* Josuah Wesley and Grace Lottie (Ewing) M.; reared on farm. B.S., Okla. A. & M. Coll., 1919. Alpha Zeta; Alpha Gamma Rho.

Marlatt, Abby Lillian, prof. and dir. home econ., Univ. Wis., Madison, Wis.

Prof., Utah Agr. Coll., 1890-4; instr., tech. high-sch., Providence, R. I., 1894-1909; present position, 1909-. Traveled in Europe, Asia, Africa. *Co-auth.*: Domestic Science in Elementary Schools. —*b.* Manhattan, Kans.; *d.* Washington and Julia Ann (Bailey) M.; reared on farm. B.S., Kans. State Agr. Coll., 1888; M.S., 1890; grad. student, Brown Univ., Clark Univ. Omicron Nu.

Marlatt, Charles Lester, ent., chm. Fed. Hort. Bd. and assoc. chief Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst. prof., Kans. State Agr. Coll., 2 yrs.; asst. ent., Bur. Ent., 1889-94; 1st asst. and asst. chief, 1894-1903; assoc. chief, 1903-. Chm. Fed. Hort. Bd., 1912-. Sent by Dept. Agr. to Japan, China, Java, on ent. trip. Fellow A. A. A. S. Pres. Ent. Soc. Washington, 1897-8; pres. Assoc. Econ. Ent., 1899. —*b.* Atchison, Kans., Sept. 26, 1863; *s.* Washington and J. A. (Bailey) M.; reared on farm; *m.* Florence L. Brown, Dec. 1, 1896; 2d, Helen Stuart Mackay-Smith, July 5, 1906; *c.* Florence, Virginia, Chas. L. Jr., Helen, Dorothy, Constance. B.S., Kans. State Agr. Coll., 1885; M.S., 1887; D.Sc., 1921.

Marquardt, Julius Charles, asst. dairy res., N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Asst. dairying, Univ. Calif., 1917-20; assoc., 1920-1; present position, 1921-. Sec.-treas. Calif. Butter, Cheese and Ice-Cream Assoc., 1920-1. —*b.* La-Crosse, Wis., Jan. 4, 1894; *s.* Chas. Henry and Frances (Burkart) M.; reared in city. B.S.A., Univ. Wis., 1917. Sigma Phi Epsilon.

Marquis, John Clyde, agrl. econ., dir. econ. information, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Special agt. in plant ind., U. S. Dept. Agr., June-Oct., 1904; assoc. ed., American Agriculturist, 1904-8; agrl. ed. and instr. agrl. journalism, Univ. Wis., 1908-11; ed. Country Gentleman, 1911-2; assoc. agrl. ed., 1912-21; econ., Washington Herald, 1921; present position, 1922-. Mem. Amer. Comn. on Rural Credits to Europe, 1913; sec. Nat. Agrl. Conference, 1922. —*b.* Madison, Ind., July 9, 1881; *s.* John Hillis and Mary Thomas (Voiles) M.; *m.* Mary Emma Copeland, June 15, 1904; *c.* John Firth, Roger Philip. B.S., Purdue Univ., 1904; M.S., 1909. Alpha Zeta.

Marsh, Charles Dwight, physiol., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Prof. chem. and biol., Ripon Coll., 1883-9; prof. biol., 1889-1904; dean, 1900-4; prof. biol., Earlham Coll., 1904-5; present position, 1905-; lect. Milwaukee Med. Coll., 1903-4. Pres. Wis. Acad. Sci., Arts and Letters, 1896-9; mem. Washington Acad. Sci. Sec. bd. comnrs. Wis. Geol. and Nat. Hist. Survey, 1897-9. (Poisonous plants). —*b.* Hadley, Mass., Dec. 20, 1855; *s.* Josiah Dwight and Sarah L. (Ingram) M.; reared in town; *m.* Florence Lee Wilder, Dec. 27, 1883; *s.* Hadleigh, Chas. Wilder. A.B., Amherst Coll., 1877; A.M., 1880; Ph.D., Univ. Chicago, 1904.

Marsh, Franklin W., jr. bact., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Cambridge, Mass., June 27, 1892; *s.* Wm. W. and Frances A. (Spencer) M.; reared in town; *m.* Eleanor T. Wallace, June 25, 1919. B.S., Mass. Agr. Coll., 1915. Kappa Epsilon.

Marshall, Frederick Rupert, sec. Nat. Wool Growers Assoc., Salt Lake City, Utah.

Asst. an. husb., Ia. State Coll., 1901-3; assoc. prof., Tex. A. & M. Coll., 1903-7; prof., Ohio State Univ., 1907-12; prof., Univ. Calif., 1912-3; in chg. sheep husb. invests. and ext., Bur. An. Ind., U. S. Dept. Agr., 1913-20; present position, 1920-. Sent by U. S. Dept. Agr. to New Zealand and Australia, 1914. *Auth.*: Breeding Farm Animals, 1911. —*b.* Westbrook, Ont., June 26, 1877 (naturalized 1907); *s.* Francis and Charlotte (Day) M.; reared on farm; *m.* Jean Craig, Jan. 2, 1914. B.S.A., Ont. Agr. Coll., 1899; B.S.A., Ia. State Coll., 1900.

Marshall, George O., co. agrl. agt., Americus, Ga.

Princ. Craven Co. Farm Life Sch., 1913-5. Traveled in Europe. —*b.* Acme, N. C.; *s.* Thos. W. and Hannah A. M.; reared on farm. B.A., Wake Forest Coll., 1908; law license, N. C. Supreme Court, 1914.

Marshall, Roy Edgar, res. assoc. and assoc. prof. hort., Mich. State Coll., E. Lansing, Mich.

Instr. hort., Univ. Neb., Feb.-Aug. 1913; fellow pom., Ore. Agr. Coll., 1913-5; instr. pom., 1915-6; asst. hort. ext. div., Va. Poly. Inst., 1916-7; hort., 1917-20; editorial dept., American Fruit Grower Magazine, 1920; present position, 1920-. —*b.* Arlington, Neb., Feb. 28, 1890; *s.* Robt. Carson and Mollie (Sharp) M.; reared on farm; *m.* Irene Ursula Telford, June 15, 1917; *c.* Kenneth Telford. B.Sc., Univ. Neb., 1913; M.S., Ore. Agr. Coll., 1915. Alpha Zeta.

Marsland, Walter Stanley, farmer, Otsego, N. Y.

Fruit and poultry farmer, Otsego, N. Y., 1915-8; formerly co. agrl. agt., Norwich, Conn. Asst. credit manag., Carnegie Steel Co., Newark, N. J., 2½ yrs.; production overseer, Winchester Repeating Arms Co., New Haven, Conn. —*b.* Bridgewater, N. Y., Aug. 27, 1887; *s.* John and Mary J. (Rhodes) M.; reared in village; *m.* Helen Ames Boyd, June 1, 1912; *c.* Walter S. Jr., Robt. Gordon, Helen Stewart. A.B., Cornell Univ., 1908; B.S., 1915.

Martin, Charles W., co. agrl. agt., Spencer, Ia.

b. Carroll, Ia., Feb. 4, 1885; *s.* D. G. and Anna (Barkerville) M.; reared on farm; *m.* Maude Madison Liddle, Jan. 5, 1910. B.S.A., Ia. State Coll., 1909.

Martin, Earl Harrison, instr. voc. agr., high-sch., Pratt, Kans.

Instr. agr., high-sch., Blue Earth, Minn., 1912-4; Nashwauk, 1914-8; co. agrl. agt., Bagley, Minn., 1918-21; present position, 1922-. —*b.* Belle Plaine, Kans., Nov. 2, 1889; *s.* Walter Q. and Lillian (Harrison) M.; reared on farm; *m.* Myrtle Irene Schaetzel, Aug. 14, 1912; *c.* Walter Woodrow. B.S., Kans. State Agr. Coll., 1912. Alpha Zeta.

Martin, Fred S., co. agrl. agt., Cathlamet, Wash.

Farmer, Bethany, Mo., 1917-8; supt. official dairy testing, Wash., 1920-1; grad. asst. dairying, Wash. State Coll., 1921-2; agrl. agt. Wahkiakum Co., 1922-. Private Engin., U. S. Army, 1918. (Dairying, poultry). —*b.* Bethany, Mo., Jan. 11, 1895; *s.* John Wm. and Eliza Jane (Spence) M.; reared on farm; *m.* Mable Hollar, July 11, 1917; *c.* Ira Wm., Fred, Seaburn. B.S.A., Wash. State Coll., 1920.

Martin, George, ed. Farm and Fireside, 381 Fourth Ave., New York, N. Y.

City ed. Omaha News, Neb., 1914; staff ed., United Press Assoc., 1915-7; Off. Information, U. S. Food Adminis., 1917; assoc. ed. Every Week Magazine, 1918; present position, 1919-. —*b.* Falls City, Neb., Aug. 26, 1889; *s.* Francis and Helen (Pepper) M.; reared in country; *m.* Ruth McMillan, June 17, 1916.

Martin, Harley A., sec. Red Polled Cattle Club, Richland Center, Wis.

Breeder live-stock and farmer, 1898-. *Ed.,* Red Polled Herd-Book, 1905-. —*b.* Cottonwood Falls, Kans., Jan. 3, 1880; *s.* Jas. W. and Dora (Ragan) M.; reared on farm; *m.* Georgia Stoddard, Oct. 9, 1903; *c.* Wayne, Eva, Dora, Jas., Freda. Student short-course, Univ. Wis.

Martin, Harry Mathias, asst. prof. an. path. and hygiene and asst. vet. Exp. Sta., Univ. Neb., Lincoln, Neb.

Instr. vet. sci., Univ. Wyo., 1917-8; present position, 1918-. 2d Lieut. Vet. Corps, U. S. Army, World War. —*b.* York Co., Pa., Mar. 26, 1892; *s.* Chas. T. and Agnes J. (Reigart) M.; reared in town; *m.* Mabel S. Busler, June 29, 1918. V.M.D., Univ. Penn.; A.M., Univ. Neb., 1923.

Martin, John, D., co. agrl. agt., Sandusky, Mich.

b. Elliston, O., Mar. 23, 1887; *s.* Franklin H. and Mary E. (Dale) M.; reared on farm. B.S., Mich. Agr. Coll., 1917.

Martin, John Holmes, assoc. agron. in western wheat invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Sci. asst., cereal invests., U. S. Dept. Agr., 1914-8; supt. Harney Branch Exp. Sta., Burns, Ore., 1918-9. —*b.* Petersburg, N. D., June 10, 1893; *s* Jas. Prater and Sarah Elizabeth (Wilson) M.; reared on farm and in town; *m.* Gladys D. Andrews, Sept. 28, 1921; *c.* Margaret Lettie. B.S., Ore. Agr. Coll., 1914; M.S., Univ. Md., 1921.

Martin, John Strickler, Minister of Agr. for Ont., Toronto, Ont.

Teach. high-sch., Port Dover, Ont., 7 yrs.; poultry and general farmer. Mem. Parliament for S. Norfolk and appointed Minister of Agr., July, 1923; commissioned by Ont. govt. to investigate agrl. and educ. conditions in Denmark, 1924. —*b.* Cheapside, Ont., Oct. 11, 1875; *s.* Geo. and Clara (Strickler) M.; reared on farm; *m.* Lillian Else, 1909. B.A., Toronto Univ., 1897; Ont. Normal Coll., 1898.

Martin, Joseph Gaillard, invest. in cotton marketing, Bur. Agrl. Econ., U. S. Dept. Agr., 21 E. 4th St., Charlotte, N. C.

b. Vicksburg, Miss., Mar. 24, 1880; *s.* Eugene and Anne F. C. (Blake) M.; reared in city and country; *m.* Helen Virginia Wallis, Aug. 11, 1917. Special student, Univ. Miss. Phi Delta Theta.

Martin, Joseph Holmes, in chg. poultry husb., Univ. Ky., Lexington, Ky.

Asst. poultry, Univ. Ky., 1917-9; in chg., 1919-. 2d Lieut. Field Art., U. S. Army. Contr. ed. Southern Agriculturist, 1920-. —*b.* Chicago, Ill., June 25, 1895; *s.* John D. and Julia (Raine) M.; reared in city and on farm; *m.* Sarah Duncan, Dec. 26, 1917; *c.* Robt. Duncan. B.S.A., Purdue Univ., 1917; M.S.A., Univ. Ky., 1924. Sigma Xi; Alpha Gamma Rho; Alpha Zeta.

Martin, Orlando L., farmer and lect., Plainfield, Vt.

Princ. Plainsfield High-Sch., 1895-8; master State Grange, lect. Nat. Grange; state comnr. agr., 4 yrs.; served in State Senate, 1 term, House of Rep., 2 terms, Speaker, 1 term. Fuel and food adminis., World War. —*b.* Plainfield, Vt., Apr. 28, 1872; *s.* Willard S. and Fannay (Lewis) M.; reared on farm; *m.* Alice Glee Kent, Feb. 20, 1895; *c.* Fanny Lewis, Alice Pauline. Grad. Goddard Sem.

Martin, Oscar Baker, dir. ext. work in the South, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Princ. public graded sch., 1893-6; princ. high-sch., Greenville, S. C., 1896-1902; state supt. educ. of S. C., 1903-8; present position, 1909-. —*b.* Central, S. C., Nov. 8, 1870; *s.* Thos. C. and Hattie M. (Baker) M.; reared on farm; *m.* Dora Cook, Dec. 23, 1897 (d. 1923); 2d, Grace Moore Brown, Sept. 17, 1924. A.B., Furman Univ., 1892. Kappa Alpha.

Martin, Theodore T., state club leader, Univ. Mo., Columbia, Mo.

Grade teach., Ind., 4 yrs.; high-sch. princ., 4 yrs.; supt. schs., Hendricks Co., 7 yrs. —*b.* Orange Co., Ind., Aug.

25, 1882; *s.* Chas. and Mary Ann (Ferguson) M.; reared on farm; *m.* Marie Osborn, 1906. A.B., Cent. Normal Coll., Danville, Ind.

Martin, Thomas Lysons, prof. agron., Brigham Young Univ., Provo, Utah.

Teach. Millard Acad., 1919-21; present position, 1921-. Vice-pres. Utah Acad. Sci. (Soil fert.). —*b.* England, Nov. 21, 1885 (naturalized 1923); *s.* Jas. and Mary Ann (Lysons) M.; reared on farm; *m.* Hattie Paxman, June 1911; *c.* Wm., Jas., Thos., Helen. A.B., Brigham Young Univ., 1912; Ph.D., Cornell Univ., 1919.

Martin, Verey G., prof. agrl. educ., Miss. A. & M. Coll., Agricultural College, Miss.

Agrl. agt. Wayne Co., N. C., 1917-8; teach. agr., high-schs., Miss., 1914-7, 1918-20; assoc. prof. agrl. educ., Miss. A. & M. Coll., 1920-3; prof., 1923-. —*b.* Miss., Jan. 14, 1891; *s.* H. E. and Fannie C. (Lofton) M.; reared on farm; *m.* Eva Jones, May 11, 1917; *c.* V. G. Jr., Nancy Davis, Eva Jean. B.A., Miss. Coll., 1912.

Martin, Vernor Allen, co. voc. superv. agr., 595 Union Arcade Bldg., Pittsburgh, Pa.

Private Inf., U. S. Army, 1918. —*b.* Newfoundland, Pa., Apr. 30, 1891; *s.* Oscar R. and Marie M. (Erhardt) M.; reared on farm; *m.* Lucretia S. Lewis, Dec. 26, 1918. B.S., Penn. State Coll., 1917.

Martin, Willard Hungate, assoc. prof. dairy mfg., Penn. State Coll., State College, Pa.

In Chem. Warfare Serv., U. S. Army, World War. —*b.* Salem, Ind., June 28, 1894; *s.* Arthur S. and Addie (Hungate) M.; reared on farm. B.S., Purdue Univ., 1918; M.S., Penn. State Coll., 1922. Pi Kappa Alpha.

Martin, William Hope, asst. prof. plant path. and plant path. Exp. Sta. and N. J. Dept. Agr., Rutgers Coll., New Brunswick, N. J.

Instr. bot., asst. plant path., Rutgers Coll., 1915-8; assoc. plant path., 1919-22; present position, 1922-. Pres. Potato Assoc. of Amer., 1922-3. 2d Lieut. Air Serv., World War. Collaborator for Botanical Abstracts. (Diseases of Irish potato). —*b.* Carlisle, Pa., June 3, 1890; *s.* Wm. and Sarah C. (Morrison) M.; reared in town and on farm; *m.* Eugenia M. Rodick, Oct. 7, 1918. B.A., Univ. Me., 1915; M.S., Rutgers Coll., 1917; Ph.D., 1918. Sigma Xi; Sigma Chi; Alpha Zeta.

Martin, Willmina Pearl, home health and sanitation specialist, Kans. State Agr. Coll., Manhattan, Kans.

Supt. Amer. Mission Hospital, Assiout, Egypt, 1904-5; present position, 1919-. Sec. Kans. State Nurses Assoc., 3 yrs., pres., 2 yrs. Mem. State Bd. Examination and Registration of Nurses, pres., 1923-5. —*b.* Louisa Co., Ia., Apr. 6, 1880; *d.* Wm. and Margaret (Dodds) M.; reared on farm. Grad. Christs Hospital Sch. Nursing, Topeka, Kans.

Martineau, Vere Loraine, co. agrl. agt., City and County Bldg., Salt Lake City, Utah.

Teach. agr., high-sch., Lehi, Utah, 1912-3; co. agrl. agt., Raton, N. Mex., 1914-9; agrl. agt. Salt Lake Co., Utah, 1919-. —*b.* Salt Lake City, Utah, Apr. 24, 1888; *s.* Chas. F. and Eva (Rice) M.; reared on farm; *m.* Vee Groo, June 27, 1917; *c.* Mary. B.S., Utah Agr. Coll., 1912. Gamma Sigma Delta; Pi Zeta Pi.

Martinez, Raymond J., manag. ed. The Rice Journal, 1035 Barracks St., New Orleans, La.

Manag. Hamilton Rubber Co. branch at New Orleans, 1912-7; pres. Martinez Rubber Co., 1917-21. *Auth.*: In the Parish of St. John, 1925. —*b.* Mark, La., Oct. 17, 1889; *s.* Albert J. and Olivia (Marioneaux) M.; reared in country; *m.* Lavinia Barton, Sept. 20, 1915. Student La. State Univ., 3 yrs.

Marvel, A. Thomas, teach. agr., high-sch., Middlebury, Ind.

Teach. agr., Middlebury, Ind., 1912-5, 1924-; Dwight, Ill., 1915-8; Pendleton, Ind., 1918-24. (Live-stock). —*b.*

Cynthiana, Ind., Oct. 13, 1888; *s.* Jas. A. and Nancy (Whiting) M.; reared on farm; *m.* Ella Hillman, June 18, 1913; *c.* Thos. Jr., Jas. Andrew, Howard Roland, Wm. Frederick. LL.B., Ind. Law Sch., 1909; B.S., Valparaiso Univ., 1911.

Marvin, Charles Frederick, chief U. S. Weather Bur., Washington, D. C.

Appointed on civilian corps signal serv. as jr. prof., 1884 and as prof. meteorology, U. S. Weather Bur., 1891; chief, 1913-. Inventor of instruments for measuring and recording rainfall, snowfall, sunshine, solar radiation, earthquakes, etc. —*b.* Putnam, O., Oct. 7, 1858; *s.* Geo. F. and Sarah A. (Speck) M.; *m.* Nellie Limeburner, June 27, 1894; 2d, Mabel Bartholow, Nov. 8, 1911. Grad. Ohio State Univ., 1883.

Marvin, Oscar F., farmer, Holton, Mich.

Pres. Muskegon Co. Hort. Soc.; superv. Holton township, 10 yrs. Lect. Pomona Grange, 6 yrs., of Subordinate Grange, 13 yrs. (Fruit-growing and farm seeds). —*b.* Shelby, O., July 18, 1852; *s.* Edward K. and Lucy A. (Cooper) M.; reared on farm; *m.* Mary M. Shafer, Mar. 5, 1873; *c.* John E., Chas. F., Paul O.

Mask, Homer Hosea Ballou, dir. field serv. dept., N. C. Cotton Growers Coop. Assoc., Raleigh, N. C.

Co. agrl. agt., Newton, N. C., 1915-9; asst. state agt., N. C. Agrl. Ext. Serv., 1919-22. —*b.* Eclectic, Ala., Aug. 23, 1887; *s.* John Dudley and Martha L. (Mason) M.; reared on farm; *m.* Gillie L. Trimble, Aug. 1913; *c.* Francis Earl. B.S. in Agr., Ala. Poly. Inst., 1915. Phi Kappa Phi.

Mason, Albert Freeman, fruit-growing specialist, Rutgers Univ., New Brunswick, N. J.

Formerly ext. hort., Penn. State Coll. 2d Lieut., Heavy Art., U. S. Army. —*b.* Newark, O., Oct. 24, 1891; *s.* Morton F. and Mary (Wallace) M.; reared in town and on farm. B.S., Ore. Agr. Coll., 1914; M.S., Penn. State Coll., 1915. Sigma Alpha Epsilon; Gamma Sigma Delta.

Mason, Arthur Charles, asst. ent., U. S. Dept. Agr., Box 576, Lindsay, Calif.

Asst. ent., Fla. Agr. Exp. Sta., 1913-5; asst. ent., Fla. State Plant Bd., 1915-7; with U. S. Dept. Agr., 1917-. Served in Med. Corps, U. S. Army, 1917-8. (Thysanoptera). —*b.* Warren, Mich., Mar. 12, 1891; *s.* Jesse F. and Annie L. (Tharrett) M.; reared in town; *m.* Mary McConchie, Oct. 14, 1919. B.S., Mich. Agr. Coll., 1913; M.S., Univ. Fla., 1915.

Mason, Charles Wilkins, co. agrl. agt., Market Auditorium, Wheeling, W. Va.

Teach. agr. and sci., high-sch., Hillsdale, Mich., 1909-10; asst. to ed. National Stockman and Farmer, Pittsburgh, 1910; agrl. agt., Land and Ind. Dept., Southern Ry., Asheville, N. C., 1911-2; sec. and manag., Haywood Fruit Exchange, Waynesville, N. C., 1912-3; farming, Prince Edward Co., 1914-6; teach. State Normal Sch., Farmville, Va., 1916-7; co. agt., Farmville, 1916-8; asst. fed. state dir. U. S. Boys Working Reserve, Richmond, 1918-9; emergency distr. agt., Newport News, 1919; princ. and teach. agr., agrl. high-sch., Charlotte C. H., Va., 1919-20; co. agrl. agt., Weston, W. Va., 1920-2; organized W. Va. Wool Pool, 1923; present position, 1923-. Pres. ind. sect., Va. State Teach. Assoc., 1919-20. Chem. Warfare Serv., U. S. Army, 1918. —*b.* Union City, Pa., June 23, 1888; *s.* L. Walter and Carrie (Wilkins) M.; reared on farm and in city; *m.* Irma Louise Windsor, Sept. 6, 1911; *c.* Evelyn Louise, Dorothy B., C. Windsor. B.S., Mich. Agr. Coll., 1909.

Mason, Clyde F., farmer, Williamson, N. Y.

Pres. Williamson Coop. Veg. Assoc. (Fruits and vegetables). —*b.* Honeoye Falls, N. Y., Jan. 5, 1879; *s.* Wallace J. and Elizabeth B. (Jones) M.; reared on farm and in village; *m.* L. Mabel Hawley, Aug. 5, 1908. Student Univ. Rochester, 2 yrs. Alpha Delta Phi.

Mason, Florence Harriett, home dem. agt., Salisbury, Md.

Teach. home econ., high-sch., Westminster, Md., 1918-21; Oakland, 1921-2; home dem. agt. Wicomico Co., 1922-.

(Foods). —*b.* Newark, Md., Apr. 7, 1892; *d.* John L. and Annie (Ross) M.; reared on farm. Grad. Drexel Inst., 1918; student W. Md. Coll., 1909-10.

Mason, Harriet, home econ. ed., The Ohio Farmer, Cleveland, O.

Grade teach., Wellington, O., 1886-93; teach. acad., Sauquoit, N. Y., 1887-8; home-maker, Wellington, 1892-9; assoc. ed. The Ohio Farmer, 1899-. Exec. sec. O. Farm Women's Club Fed., 1912-. —*b.* Wellington, O., Oct. 1, 1866; *d.* Homer and Ellen (Lyons) M.; reared on farm. Grad. Oberlin Coll., 1886.

Mason, Preston Walter, asst. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Asst., Purdue Univ., 1912-3; instr., 1913-7; asst. prof., 1917-8; present position, 1918-. *Auth.*: (with W. A Price) Laboratory Exercises in Introductory Entomology, 1915. (Aphiidæ). —*b.* Warren, Mich., Apr. 12, 1889; *s.* Jesse F. and Anna L. (Tharrett) M.; reared in village. B.S., Mich. Agr. Coll., 1912; M.S., Purdue Univ., 1917.

Massey, Arthur Ballard, assoc. prof. plant path. and bact., Va. Poly. Inst., Blacksburg, Va.

Instr. bot., Clemson Agr. Coll., 1910-3; asst. prof. bot., Ala. Poly. Inst., 1913-8; present position, 1918-. Fellow A. A. A. S. —*b.* Millers School, Va., Jan. 10, 1889; *s.* Wilbur Fiske and Aurilia James (Phoebus) M.; reared in town; *m.* Dorothy Modd Miller, June 12, 1913; *c.* Jas. Walker. B.S., N. C. State Coll., 1909.

Massey, Louis Melville, prof. and head dept. plant path., Cornell Univ., Ithaca, N. Y.

Asst. plant path., Cornell Univ., 1912-4; instr., 1914-7; asst. prof., 1917-8, 1919-22; path., Bur. Plant Ind., U. S. Dept. Agr., 1918-9; present position, 1922-. Fellow A. A. A. S. —*b.* W. Point, Ia., Aug. 25, 1889; *s.* Milton and Anna May (Rose) M.; reared on farm. A.B., Wabash Coll., 1912; Ph.D., Cornell Univ., 1916. Phi Beta Kappa; Sigma Xi; Gamma Alpha; Acacia.

Massey, Wilbur Fisk, agrl. journalist, Salisbury, Md.; Sept. 30, 1839-Mar. 30, 1923. See Rus 1920.

Massie, David Meade, farmer, Chillicothe, O.

Mem. Ohio State Legislature, 1888-1901. Trustee Ohio State Univ., 1888-1907. Comnr. in Cuba under Spanish Treaty Claims Comn., 1902-9. Mem. Agrl. Adv. Com., 1918. —*b.* Chillicothe, O., Feb. 26, 1859; *s.* Henry and Susan B. (Thompson) M.; reared on farm; *m.* Juliet Matthews, Nov. 6, 1883. A.B., Princeton Univ., 1880; LL.B., Cincinnati Law Sch., 1882; A.M., Princeton Univ., 1883.

Masten, John Wesley, superv. voc. agr., high-sch., Riverdale, Calif.

Farmer, Imperial Valley, Calif., 8 yrs.; S. E. Ore., 4 yrs.; specialist agrl. ext., Univ. Calif., 1918-20. Dir. Fresno Co. Farm Bur., 1925; adv. Fresno Co. Jr. Farm Bur., 1925; pres. Fresno Co. Agrl. Teach. Assoc., 1923; regional dir. Calif. Agrl. Teach. Assoc., 1922. —*b.* Neb., July 1, 1884; *s.* W. W. and Emma (Purdy) M.; reared on farm; *m.* Hazel E. Malcolm, Aug. 10, 1916; *c.* John Malcolm, Wm. Wallace, Maybelle Juanita, Lillian Louise. B.S., Univ. Calif., 1916.

Mather, Howard E., ed. and minister, Mattituck, N. Y.

Chg. rural econ. surveys in N. J., Neb., Okla., for Interchurch World Movement, 1918-20; teach., high-sch., Ocean Grove, N. J., 1920; princ. English and history depts., Heffly Inst., Brooklyn, 1921-3. *Ed.,* Republican Watchman, Mattituck Reporter, Long Island Agriculturist. —*b.* Orange Co., N. Y., May 3, 1896; *s.* Chas. E. and Florence (Moore) M.; reared on farm; *m.* Rose C. Cranston, Dec. 1917; *c.* Royal T., Richard. Student N. Y. Univ., Drew Sem.

Matheson, Robert, prof. ent. and asst. ent. Exp. Sta., Cornell Univ., Ithaca, N. Y.

State ent., S. D., 1907-9; asst. ent., Cornell Univ., 1909-11; instr., 1911-2; prof. zool. and ent., N. S. Agr. Coll., Truro, 1912-3; asst. prof. ent., Cornell

Univ., 1914-22; prof., 1922-. Fellow A. A. A. S., (Parasitic insects; blood sucking insects, especially those in relation to human and animal diseases). —*b.* Nova Scotia, Dec. 20, 1881; *s.* Walter A. and Mary (Anderson) M.; reared on farm; *m.* Margaret K. Macpherson, 1911. B.S.A., Cornell Univ., 1906; M.S.A., 1907; Ph.D., 1911. Sigma Xi; Gamma Alpha.

Mathews, Clarence W., prof. hort., Univ. Ky., Lexington, Ky.

Prof. bot. and hort., Univ. Ky., 1892-1910; prof. hort., 1910-. (Pom., apples, grapes). —*b.* Lawrence, Mass., Feb. 10, 1861; *s.* Ezekiel W. and Eunice C. (Small) M.; reared in city and on farm; *m.* Henrietta Safford, Dec. 29, 1891; *c.* Ruth Elizabeth, Geo. F., Paul W. B.S.A., Cornell Univ., 1891. Sigma Xi.

Mathisen, Sidney S., co. agrl. agt., Sheboygan Falls, Wis.

2d Lieut. Field Art., A. E. F., 1918-9. (An. husb.). —*b.* Windom, Minn., Aug. 7, 1894; *s.* Geo. W. and Lilly S. (Brown) M.; reared on farm; *m.* Josephine Dunton, June 1921; *c.* Betty Lou. B.S., Ia. State Coll., 1920. Sigma Pi.

Matson, Ralph Joseph, co. agrl. agt., Florence, Ky.

b. Middletown, O., June 24, 1899; *s.* Geo. H. and Ida M. (Niemeyer) M.; reared on farm; *m.* M. Elogeanne Wickham, Aug. 29, 1923. B.S.A., Ohio State Univ., 1923. Kappa Delta Rho; Pi Delta Epsilon.

Matteson, Erdley Stone, co. agrl. agt., Paris, Mo.

b. Grant City, Mo., Nov. 1, 1892; *s.* J. B. and Elizabeth (Spear) M.; reared on farm; *m.* Ada Belle Cowden, June 1, 1916; *c.* E. S. Jr., Betty Ann, Jas. E., John Frederick. B.S.A., Univ. Mo., 1916. Alpha Zeta.

Matthew, Ernest Bertram, state superv. voc. agrl. educ., State Dept. Educ., Little Rock, Ark.

Teach. math., Ft. Hays State Normal Sch., Kans., 1903-10; state high-sch. visitor for normal schs. of Kans., 1911-2; prof. math., 1913-5; prof. agrl. educ., 1916-8; prof. agrl. educ., Univ. Ark., 1918-9; present position, 1919-. —*b.* Virginia, Ill., Mar. 13, 1875; *s.* Chas. C. and Harriet L. (Ivey) M.; reared on farm; *m.* Alice Isabel Compton, 1904; *c.* Harriet Elizabeth. A.B., Emporia State Teach. Coll., 1913; M.S., Univ. Wis., 1916.

Matthews, Charles Desmond, chm. dept. hort., N. C. State Coll., chief div. hort., Exp. Sta., Raleigh, N. C.

b. Moberly, Mo., Feb. 29, 1892; *s.* C. D. and Orrie B. (Mitchell) M.; reared in town. B.S., Univ. Mo., 1914. Sigma Xi; Delta Theta Sigma.

Matthews, Grover Cleveland, asst. prof. bee culture, Univ. Minn., University Farm, St. Paul, Minn.

Practical apiarist, 1903-18; supt. schs., Camp Point, Ill., 1918-9; present position, 1919-. —*b.* Colchester, Ill., Nov. 30, 1883; *s.* Samuel Thos. and Bernettie (Collings) M.; reared on farm; *m.* Florence Innes, Oct. 17, 1914; *c.* Romine Elwood.

Matthews, Mary Lockwood, prof. and chief div. home econ., Purdue Univ., LaFayette, Ind.

Instr. home econ., Univ. Minn., 1908-9; lect. farmers insts., Purdue Univ., 1909-11; present position, 1911-. Dir. home econ. for Ind. Food Adminis. Pres. Ind. Home Econ. Assoc.; chm. home econ. com., State Council of Defense. *Auth.*: Elementary Home Economics, 1921; The House and Its Care, 1925; contr. to Book of Rural Life. —*b.* Oct. 13, 1882; *d.* John E. and Harriet (Beach) M.; reared on farm. B.S. in H.E., Univ. Minn., 1904. Omicron Nu; Pi Beta Phi.

Matti, Gregore, prof. poultry husb., Inst. Agricole d'Oka, La Trappe, Que.; died 1922. See Rus 1920.

Mattil, Otto John, instr. voc. agr., Pi Beta Phi Settlement Sch., Gatlinburg, Tenn.

Teach. agr., high-sch., Rogersville, Tenn., 1920-2; instr. hort., Univ. Tenn., 1920; present position, 1922-. —*b.* Chattanooga, Tenn., Aug. 28, 1896; *s.*

Christian A. and Magdalene (Sienknecht) M.; reared in town. B.S.A., Univ. Tenn., 1920. Delta Tau Delta; Alpha Zeta; Phi Kappa Phi.

Mattoon, Wilbur Reed, ext. for., U. S. For. Serv., Washington, D. C.

Teach. sci., high-sch., Kalamazoo, Mich., 1899-1902; present position, 1904-. Pres. Washington sect., Soc. Amer. Foresters. —*b.* Harwich, Mass., Aug. 14, 1875; *s.* Virgil Wadhams and Mary (Reed) M.; reared in town; *m.* Kate Van Liew, Aug. 28, 1909; *c.* Richard Wilbur, Martha Ellen, Catherine Van Liew, Laura Isabella. B.A., Wesleyan Univ., Conn., 1899; M.F., Yale Univ., 1904. Delta Kappa Epsilon.

Matz, John Williard, instr. voc. agr., high-sch., Wapakoneta, O.

b. Fireside, O., Aug. 20, 1900; *s.* Wm. and Emma (Zieber) M.; reared on farm; *m.* Ethel Thompson, Nov. 30, 1922; *c.* John Thompson. B.S.A., Ohio State Univ., 1922. Alpha Zeta.

Maxey, Herbert Allen, teach. voc. agr., high-sch., Zebulon, Ga.

Teach. voc. agr., high-sch., Hartwell, Ga., 1921-3; Zebulon, 1923-. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Jackson Co., Ga., June 13, 1897; *s.* Doss B. and Lillie (Barr) M.; reared on farm; *m.* Elizabeth Dorsey, Jan. 3, 1923. B.S.A., Univ. Ga., 1921.

Maxwell, Earl George, co. agrl. agt., Omaha, Neb.

Asst., Univ. Mo., 1910-1; in creamery dept., Swift & Co., 1912-4; instr., Univ. Neb., 1914-7; present position, 1917-. —*b.* Knightstown, Ind., Oct. 23, 1884; *s.* Richard M. and Elmira (Fort) M.; reared on farm; *m.* Julia W. Veach, June 28, 1916. B.S.A., Purdue Univ., 1910; A.M., Univ. Neb., 1915. Acacia.

May, David William, dir. Porto Rico Exp. Sta., Mayaguez, Porto Rico.

Asst. agrst. chg. field expts., Mo. Exp. Sta., 1896-9; asst. agr., U. S. Dept. Agr., 1899; an. husb., Ky. Exp. Sta., 1901-4; present position, 1904-. (Trop. agr.). —*b.* Platte Co., Mo., Apr. 22, 1868; *s.* Benj. L. and Mary (Nicol) M.; *m.* Lena Harrison, Dec. 24, 1896. B.Agr., Univ. Mo., 1894; M.Agr., 1896.

May, Earl Tuttle, co. sec. Y. M. C. A., 406 Holland St., Marine City, Mich.

Teach. rural schs., 3 yrs.; village schs., 2 yrs. Traveled Egypt and Turkey, 1903-4. —*b.* Hancock Co., O., Jan. 17, 1880; *s.* Lewis B. and Emma L. (Tuttle) M.; reared in town and country; *m.* Matie M. Boughton, Nov. 21, 1905; *c.* Ruth, Rollo, Donald, Dorothy, Yona, Lewis. Student Valparaiso Univ. and Ohio Northern Univ.

May, Henry G., prof. bact. and chief dept. an. breeding and path. Exp. Sta., R. I. State Coll., Kingston, R. I.

Jr. zool., U. S. Bur. An. Ind., 1917-9; prof. biol., Miss. Coll., Clinton, 1919-20; present position, 1920-. Fellow A. A. A. S. Sergeant Cent. Med. Dept. Lab., Dijon, France, 1918. —*b.* Germany, Oct. 22, 1886 (naturalized 1895); *s.* August and Johannah (Stein) M.; reared on farm; *m.* Marguerite I. Uebel, Nov. 27, 1920; *c.* Walter H., Kathryn M., Robt. E. B.S., Univ. Rochester, 1913; Ph.D., Univ. Ill., 1917. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Theta Chi.

Mayer, William Lyndon, assoc. prof. voc. educ., N. C. State Coll., Raleigh, N. C.

Exp. Sta., Tex. A. & M. Coll., 1919; teach., supt. public schs., Tex., 1919-21; present position, 1922-. —*b.* Durhamville, N. Y., Aug. 26, 1894; *s.* Frank H. and Helen C. (Sipp) M.; reared in village; *m.* Ibbie M. Miller, Sept. 22, 1917; *c.* Hilah Ruth, Wm. L. Jr. B.S., Cornell Univ., 1918. Phi Delta Kappa.

Mayes, Jewell, sec. Mo. State Bd. of Agr., Jefferson City, Mo.

Dir. farmers insts. of Mo.; mem. State Poultry Bd. Pub. Richmond Missourian; pres. Amer. Assoc. Farmers Inst. Workers, 1918. —*b.* near Richmond, Mo., Feb. 15, 1873; *s.* Wiley and Sina (Stephenson) M.; reared in country; widower; *c.* Jewell Martin.

Mayes, Thomas Luther, teach. agr., high-sch., Baxter, Tenn.

b. Tazewell, Tenn., June 12, 1897; *s.* D. H. and Elizabeth (Thompson) M.; reared on farm; *m.* Ora Louvina Baley, July 9, 1924. B.S.A., Univ. Tenn., 1924.

Mayhew, Thomas Clay, asst. co. agt. leader, Univ. Calif., Berkeley, Calif.

Teach. agr., Tulare high-sch., 1913-4; agt. Madera Co.. 1914-7; farmer, 1917-8; formerly instr. agrl. ext., Univ. Calif. and agt. Monterey Co. —*b.* Vista, Calif., Dec. 19, 1886; *s.* Jas. Thos. and Eliza (Gregory) M.; reared on farm; *m.* Hazel Helen Hyde, Nov. 29, 1913; *c.* Helen Elizabeth. B.S., Univ. Calif., 1912. Alpha Zeta.

Maynard, Edward Jackson, assoc. an. husb., Colo. Agr. Exp. Sta., Ft. Collins, Colo.

Asst. prof. an. husb., N. Mex. A. & M. Coll., 1915-7; fellow, Ia. State Coll., 1917-9; assoc. prof., Colo. Agr. Coll., 1919-. Capt. Q. M. Res., U. S. Army. —*b.* E. Weymouth, Mass., Nov. 12, 1892; *s.* Laurens and Gertrude (Cain) M.; *m.* Ethel M. Hall, 1920; *c.* John M., E. Burton, Virginia J. B.S., N. Mex. A. & M. Coll., 1915; M.S., Ia. State Coll., 1919. Phi Sigma Kappa; Alpha Zeta; Gamma Sigma Delta.

Maynard, Leonard A., prof. an. husb., Cornell Univ., Ithaca, N. Y.

Asst. chem., Ia. State Coll., 1911-2; asst. chem., R. I. Exp. Sta., 1912-3; asst. prof. an. husb., Cornell Univ., 1915-20; prof., 1920-. 1st Lieut. to Major, Chem. Warfare Serv., U. S. Army, 1917-9; served with A. E. F., 20 mos. —*b.* Hartford, N. Y., Nov. 8, 1887; *s.* Edward and Fannie (Cotton) M.; reared on farm; *m.* Helen Jackson, June 3, 1919. A.B., Wesleyan Univ., 1911; Ph.D., Cornell Univ., 1915. Phi Beta Kappa; Sigma Xi; Delta Tau Delta; Gamma Alpha.

Maynard, Samuel Taylor, hort., Northboro, Mass.; Dec. 6, 1845-Mar. 31, 1923. See Rus 1920.

Mayne, Dexter D., princ. Sch. Agr. and prof. agrl. pedagogy, Univ. Minn., University Farm, St. Paul, Minn.

Princ. schs., Fennimore, Wis., 1883-4; Elkhorn, 1884-9; Ft. Atkinson, 1889-93; supt. and princ. schs., Janesville. 1893-1901; supt. schs., Ishpeming, Mich., 1901-2; present position, 1903-. *Auth.:* Modern Business Speller, 1899; Geography of Wisconsin; Office Methods and Business Practice, 1900; (with Goff) First Principles of Agriculture, 1904; Mayne's Sight Speller, 1906; (with C. J. Smith) Modern Business English, 1906; (with Hatch) High School Agriculture, 1913; Business Spelling Book, 1913; (with Brace) Farm Shop Work. *Ed.,* Midland School Journal, Wis. —*b.* Beetown, Wis., May 14, 1863; *s.* Nicholas and Mary (Treloar) M.; reared rural community; *m.* Nellie G. Coman, 1889 (d. 1919); *c.* Jas. C., MacH., Dexter C., Nella. Platteville State Normal Sch., Wis., 1883.

Mayo, Earl Williams, ed. and pub. Facts About Sugar, 135 Front St., New York, N. Y.

Instr. English, Cornell Univ., 1894-5; on editorial staff McClure's Magazine; founder and ed. Facts About Sugar. Sec. Sugar Producers Conference. —*b.* Springville, N. Y., May 5, 1873; *s.* Wm. L. and Clarinda (Williams) M.; reared on farm; *m.* Marie Susanne Thill, Jan. 29, 1901; *c.* Earl W. Jr. Grad. Griffith Inst., 1890; A.B., Cornell Univ., 1894.

Mayo, Nathan, comnr. of agr., State Dept. Agr., Tallahassee. Fla.

Farmer and nurseryman, Summerfield; part owner Mayo-Lyles Store. Served State House of Rep., 1921, 1923. —*b.* Nash Co., N. C., Dec. 1, 1876; *s.* Jas. M. and Florence (Lyon) M.; reared on farm and in town; *m.* Nora Newsom, 1899; *c.* Nathan Jr., Gertrude, Wm. Taylor.

Mayo, Nelson Slater, vet., 4753 Ravenswood Ave., Chicago, Ill.

Asst. vet., Mich. Exp. Sta., 1888-90; prof. vet. sci., Kans. State Agr. Coll., 1890-7; prof. vet. sci., Conn. Agr. Coll., 1897-1901; prof. vet. sci., Kans. State Agr. Coll., 1901-4; vice-dir. Cuban Exp. Sta. and chief dept. an. husb., 1904-9; prof. an. husb. and vet. sci., Va. Poly. Inst., 1909-13, 1917-22. Sec. Amer. Vet. Med. Assoc., 1913-5; del. to 4th

Nat. Vet. Congress, London, 1914. Lieut.-Col. Vet., O. R. C., U. S. Army. *Auth.*: Diseases of Animals, 1903. *Ed.*, Helpful Hints for the Veterinarian. —*b.* Battle Creek, Mich., Nov. 16, 1866; *s.* Perry and Mary A. (Bryant) M.; reared on farm; *m.* Mary L. Carpenter, July 30, 1890; *c.* Marguerite, Dorothy, Robt., Louise. B.S., Mich. Agr. Coll., 1888; D.V.S., Chicago Vet. Coll., 1889; M.S., Mich. Agr. Coll., 1890. Phi Delta Theta.

Mayo, William Irving Jr., head agrl. dept., Smith's Agrl. Sch., Northampton, Mass.

Superv. gardens, Norwood, Mass., Apr.-Aug., 1917; field agt. Plymouth Nat. Bank., 1917-20; instr. agr., high-sch., Plymouth, 1917-20; agrl. training officer U. S. Veterans Bur., 1920-1; present position, 1921-. (Marketing and coop.). —*b.* Watertown, Mass., June 1, 1893; *s.* Wm. Irving and Louise (Parker) M.; reared on farm; *m.* Esther Vance, June 29, 1918. B.Sc., Mass. Agr. Coll., 1917.

McAdams, James Hendrix, asst. prof. poultry husb., Kans. State Agr. Coll., Manhattan, Kans.

Formerly co. agrl. agt., Burlington, Kans. —*b.* Salina, Kans., May 19, 1892; *s.* Chas. F. and Elizabeth J. (Alexander) M.; reared in town; *m.* Dorothy Hale, July 15, 1917; *c.* Donald Hale. B.S.A., Kans. State Agr. Coll., 1916. Beta Theta Pi; Gamma Sigma Delta.

McAdams, Jay Calvin, instr. voc. agr., high-sch., Eads, Tenn.

b. Shelbyville, Tenn., Aug. 22, 1900; *s.* J. C. and Lizzie H. (West) M. (col.); reared on farm. Grad. Agr. and Ind. Normal, Nashville, Tenn.

McAdory, Isaac Sadler, prof. anat., Ala. Poly. Inst., Auburn, Ala.

Asst. physiol. and bact., Ala. Poly. Inst., 1904-6; dem. in anat., McKillips Vet. Coll., 1906-7; present position, 1907-. —*b.* Pleasant Hill, Ala., Aug. 13, 1882; *s.* I. W. and Alice (Sadler) M.; reared on farm and in town; *m.* Cora Hardy. B.S., Ala. Poly. Inst.; D.V.M., McKillips Vet. Coll., Chicago.

McAlister, John Thomas, assoc. prof. in chg. farm mach., Clemson Agr. Coll., Clemson College, S. C.

Instr. agrl. engin., Miss. A. & M. Coll., 1916-7; implement and tractor dealer, W. Point, Miss., 1919-20; instr. agrl. engin., Miss. A. & M. Coll., 1920-1; asst. prof., 1921-2; asst. prof. chg. farm mach., Clemson Agr. Coll., 1922-4; assoc. prof., 1924-. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Stanford, Ky., May 4, 1894; *s.* Joseph H. and Bessie (Foster) M.; reared on farm. B.S.A., Miss. A. & M. Coll., 1916.

McAnall, Jay R., instr. voc. agr. and supt. rural consolidated sch., Bucyrus, O.

Served in U. S. Army, 1917-8. —*b.* Iberia, O., Sept. 11, 1896; *s.* Clement and Amy (Lyons) M.; reared on farm. B.S.A., Ohio State Univ., 1921. Alpha Gamma Rho.

McArthur, James Marshall, dir. nature-study and sch. gard., Orleans Parish public schs., and instr. nature-study and gard., New Orleans Normal Sch., 1532 Calliope St., New Orleans. La.

Distr. supt. teaching serv., Philippines, 1908-12; instr. agr., State Normal Sch., Minot, N. D., 1915-7; ext. agron., N. Mex. A. & M. Coll., 1917; prof. agrl. educ., 1918; prof. agron., John Tarleton Agr. Coll., 1918-21; present position, 1921-; teach nature-study and rural sociol., State Teach. Coll., Bemidji, Minn., and Valley City, N. D., summer 1924. —*b.* Walton, Kans., June 13, 1887; *s.* Cecil and Elisabeth McMillan (Marshall) M.; reared on farm; *m.* Ruth Marie Wilson, June 13, 1916; *c.* Ruth Elisabeth, Jas. Wilson, Chas. Wilson, Samuel Cecil. B.S., Kans. State Agr. Coll., 1915; grad. student Cornell Univ., 1920. Pi Kappa Delta.

McBride, Charles Grover, asst. prof. rural econ., Ohio State Univ., Columbus, O.

Agrl. agt. Mercer Co., Pa., 1912-7; assoc. prof. agrl. ext., Penn. State Coll., 1917-21; instr. marketing, Cornell Univ., 1921-2; present position, 1922-. —*b.* Buckhorn, Pa., May 13, 1886; *s.* Hugh D. and Alvaretta (Stecker) M.; reared

on farm; *m.* Lois DeWitt, June 22, 1912. B.S., Penn. State Coll., 1911; M.S., Cornell Univ., 1922. Alpha Zeta; Phi Kappa Phi.

McBride, James Napier, general agrl. agt., Seaboard Air Line Ry. Co., Savannah, Ga.

Agrl. agt., Seaboard Air Line Ry., 1915-7; asst. development agt., 1917; development agt., 1920-2; asst. general development agt., 1922-4; general agrl. agt., 1924-. Vice-pres. Amer. Ry. Development Assoc. of S. E. 1st Lieut. Field Art., U. S. Army, World War. (Hort.). —*b.* Sumter Co., S. C., June 12, 1893; *s.* Jas. B. and Angie (Napier) M.; reared on farm; *m.* Margaret Reese, Dec. 31, 1919. B.S., Clemson Agr. Coll., 1914.

McBryde, James Bolton, prof. and head dept. chem., Va. Poly. Inst., Blacksburg, Va.

Asst. chem., S. C. Exp. Sta., 1888-91; asst. chem., Tenn. Exp. Sta., 1891-4; chem., 1894-1901; instr. agrl. chem., Univ. Tenn., 1900-1; asst. prof. chem., Va. Poly. Inst., 1905-7; prof., 1907-; head dept., 1916-. —*b.* Buckingham Co., Va., Sept. 2, 1866; *s.* John McLaren and Cora (Bolton) M.; reared on farm; *m.* Mary Read Comfort, Aug. 8, 1905; *c.* Mary Comfort, Jas. B. Jr. A.B., S. C. Coll., 1886; C.E., Univ. S. C., 1888. Kappa Alpha; Phi Kappa Phi.

McCall, Arthur G., chg. soil invests., Md. Exp. Sta., and prof. geol. and soils. Univ. Md., College Park, Md.

Sci., Bur. Soils, U. S. Dept. Agr., 1901-4; asst. prof. agron., Ohio State Univ. 1904-5; assoc. prof., 1905-6; prof., 1906-16; present position, 1916-. Vice-pres. Amer. Soc. Agron. Head dept. agron., A. E. F. Univ., Beaune, France, Feb.-July, 1919. *Auth.*: The Physical Properties of Soils, 1905; Broom Corn Culture, 1912; Field and Laboratory Study of Soils, 1915; Field and Laboratory Study of Crops, 1916. —*b.* Buena Vista, O., Nov. 11, 1874; *s.* M. D. and Elizabeth (Gillett) M.; reared on farm; *m.* Hattie M. Flower, 1896; *c.* Herbert Flower, Elizabeth, Dorothy Helen, Harriett. B.Sc., Ohio State Univ., 1900; Ph.D., Johns Hopkins Univ., 1916. Sigma Xi; Alpha Zeta.

McCall, Max Adams, agron. in chg. cereal agron. invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Dry-farm specialist, Wash. Agr. Exp. Sta., 1914-24; present position, 1924-. —*b.* Jamestown, Kans., Oct. 20, 1888; *s.* Andrew R. and Mary (McKee) M.; reared on farm; *m.* Marjorie Sellers, Nov. 14, 1914; 2d, Bernadine Haller, Dec. 27, 1920; *c.* Marjorie, Maxine. B.S.A., Ore. Agr. Coll., 1910; M.S.A., Wash. State Coll., 1922. Kappa Sigma; Gamma Sigma Delta; Phi Kappa Phi.

McCall, Thomas Montgomery, asst. prof. hort., Northwest Sch. Agr. and Exp. Sta., Crookston, Minn.

Asst. ent., Ia. Exp. Sta., 1910; instr. hort., Ia. State Coll., 1910-1; present position, 1911-. Sec. Red River Valley Hort. Soc.; sec. Northwestern Minn. Agrl. Instrs. Assoc.; sec. Red River Valley Potato Growers Assoc. —*b.* Story Co., Ia., Dec. 25, 1887; *s.* John N. and Olive (Quick) M.; reared on farm; *m.* Blanche Irene Fleetwood, June 12, 1912; *c.* Darwin Thos. B.S., Ia. State Coll., 1910. Alpha Zeta; Delta Sigma Rho.

McCall, William Thomas, manag. Ida. Producers' Union, Caldwell, Ida.

Pres. Sunflower Manufacturing Co., Manhattan, Kans., 1909-1913; agrl. agt., Canyon Co., 1915-6; state club leader, Univ. Ida., 1917-20; agt. Canyon Co. Farm Bur., 1921-2; present position, 1923-. —*b.* Narka, Kans., May 26, 1882; *s.* J. E. and Louella E. (Sellars) M.; reared on farm; *m.* Edith Grace Terhune, June 20, 1912; *c.* Marjorie Mae, Raymond Thos., Lora Lee. B.S., Kans. State Agr. Coll., 1908.

McCallum, Roy Drummond, co. agrl. agt., Auburn, Calif.

Sergeant Vet. Corps, U. S. Army, 1917-8. (Agron.). —*b.* St. Paul, Minn., Feb. 12, 1894; *s.* Peter and Sophia (Beggs) M. B.S., Univ. Calif., 1917. Alpha Zeta.

McCampbell, Charles Wilbur, prof. and head dept. an. husb., Kans. State Agr. Coll., Manhattan, Kans.

Asst. an. husb., Kans. State Agr. Coll., 1910-2; asst. prof., 1912-4; assoc.

prof., 1914-8; prof., 1918-. Pres. Nat. Assoc. of State Live-Stock Registry Bds.; sec. Kans. State Live-Stock Registry Bd.; sec. Kans. Improved Live-Stock Assoc.; sec. Kans. Horse Breeders Assoc. —*b.* Frankfort, Kans., Feb. 1, 1882; *s.* J. A. and Kate (Freeman) M.; reared on farm and in town; *m.* Jessie E. Apitz, 1913. B.S., Kans. State Agr. Coll., 1906; D.V.M., 1910; B.S.A., 1918. Alpha Zeta; Alpha Psi; Phi Kappa Phi; Beta Theta Pi.

McCandliss, Donald Alff, agrl. statistician, Div. Crop Estimates, U. S. Dept. Agr., Gulfport, Miss.

Co. agrl. agt., Gulfport, Miss., 1914-9; teach. and farmer, 1920-2; present position, 1922-. —*b.* Fairmont, Ind., Dec. 24, 1891; *s.* Harry E. and Laura Harriet (Barr) M.; reared in town. B.S., Miss. A. & M. Coll., 1914.

McCann, John Joseph, co. agrl. agt., Thief River Falls, Minn.

Princ. city sch., Chippewa Falls, Wis., 1911-3; instr. agr., Spring Grove, Minn., 1915-8; instr. short-course, Hastings, 1915. Chm. Military Training Camp Assoc. for Houston Co. 2d Lieut., U. S. Army, 1918. —*b.* Rock Elm, Wis., Nov. 21, 1891; *s.* John A. and Kate (Hagan) M.; reared on farm. B.S., Univ. Minn., 1915.

McCann, Leo Patrick, assoc. prof. an. husb., Colo. Agr. Coll., Fort Collins, Colo.

Asst. an. husb., Ohio State Univ., 1915-6; instr., Penn. State Coll., 1916-7; ext. live-stock specialist, La. State Univ., 1918-9; co. agrl. agt., Grand Junction, Colo., 1919-24; present position, 1924-. Served in U. S. Navy, 1918-9. —*b.* Junction City, O., Mar. 16, 1893; *s.* Daniel T. and Catherine (Welch) M.; reared on farm; *m.* Florence McGonagle, 1920; *c.* Betty Marie, Eileen, Kathleen. B.S.A., Ohio. State Univ., 1915; M.S.A., Penn. State Coll., 1917.

McCann, Roud, dir. agrl. ext. serv., Colo. Agr. Coll., Fort Collins, Colo.

Deputy state dairy comnr. and assoc. prof., Colo. Agr. Coll., 1914-8; dir. agrl. ext., 1920-. Sec. and dir. Colo. Dairymens Assoc.; sec. Colo. Creamery Butter Manufacturers Assoc., 2 yrs.; with Nat. Dairy Council, 1 yr. —*b.* Madison, Kans., Aug. 16, 1887; *s.* E. A. and Emma (Huggins) M.; reared on farm; *m.* Lois Sheely, May 18, 1915; *c.* Jordan. B.S., Colo. Agr. Coll., 1914. Alpha Zeta; Alpha Tau Omega.

McCarthy, William Edward, co. agrl. agt., W. Branch, Mich.

Formerly teach. agr., Dowagiac, Mich.; agt. Ogemaw Co., 1919-. Co. dir. Boys Working Reserve. —*b.* Oakland Co., Mich., Apr. 12, 1886; *s.* Edward and Mary (Bigger) M.; reared on farm; *m.* Margaret Charlotte Jennings, Aug. 20, 1912. B.S., Mich. Agr. Coll., 1915.

McCary, James Henry, truck and fruit-grower, 116 N. 21st St., Birmingham, Ala.

Pres. Ala. State Hort. Soc.; mem. Ala. State Bd. Hort. —*b.* Maplesville, Ala., Mar. 11, 1862; *s.* J. F. and Evelina M. (Lilly) M.; reared on farm; *m.* Fannie Nabrns, Oct. 30, 1888; *c.* Wm. Henry, Helen, Carol. Student Ala. Poly. Inst. Phi Delta Theta.

McCausland, Robert James, teach. voc. agr. and sci., Los Angeles city high-schs., Owensmouth, Calif.

Farm manag., Marshall Co., Minn., 1916-7. Served in U. S. Army, 1917-9. —*b.* Tower, Minn., July 28, 1894; *s.* A. and Agnes S. (Lamb) M.; reared in town and on farm; *m.* Nellie E. Weckerling, Aug. 28, 1920; *c.* Robt. Jas. Jr., Bruce Neal. B.S., Ia. State Coll.

McChord, Robert Caldwell, assoc. prof. an. husb., Mont. State Coll., Bozeman, Mont.

Instr. an. husb., Ia. State Coll., 1913-4; asst. prof., 1914-5; instr. an. husb., Purdue Univ., 1915-6; present position, 1916-. —*b.* Lebanon, Ky., July 18, 1888; *s.* R. C. and Lizzie (Harrison) M. A.B., Centre Coll. of Ky., 1908; B.S.A., Ia. State Coll., 1913. Delta Kappa Epsilon; Alpha Zeta; Phi Kappa Phi.

McClain, John Hugh, assoc. dairy husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Farm manag., S. C., 1906-7; with U. S. Dept. Agr., 1907-20; dairy farmer, 1920-22; present position, 1922-. —*b.* Wellford, S. C., Oct. 10, 1883; *s.* R. N. and Margaret (Wingo) M.; reared in town; *m.* Mary E. Holcombe, Dec. 26, 1906; *c.* R. N. B.S., Clemson Agr. Coll., 1906.

McClelland, Chalmer Kirk, asst. prof. agron. and asst. agron. Exp. Sta., Univ. Ark., Fayetteville, Ark.

Asst. prof. agr., N. C. State Coll., 1902-6; sci. asst. Off. Farm Manag., 1906-7; supt. Hays Branch Exp. Sta., Kans., 1907-10; agron., Hawaii Exp. Sta., 1911-4; agron., Ga. Exp. Sta., 1914-9; present position, 1921-. Farm ed., Atlanta Constitution, 1916-23. Served in Spanish-Amer. War. —*b.* Andover, O., Sept. 12, 1877; *s.* Robt. Clement and Grace (Young) M.; reared on farm; *m.* Annie Bramlette, Feb. 19, 1908; *c.* Annie Grace, Chalmer K. Jr., Clement, Edward, Bramlette. B.Sc., Ohio State Univ., 1898; M.S.A., Cornell Univ., 1902. Alpha Zeta.

McClelland, Thomas Brown, hort., Porto Rico Agr. Exp. Sta., Mayaguez, P. R.

Asst. hort., Porto Rico Agr. Exp. Sta., 1908-18; hort., 1918-. (Tropical hort.). —*b.* Lexington, Ky., Feb. 7, 1886; *s.* Thos. N. and Mary (Marrs) M.; reared in city. A.B., Univ. Ky., 1907. Kappa Sigma.

McClintock, James Earl, ed. ext. serv., Ohio State Univ., Columbus, O.

Sci. asst., Bur. Soils, U. S. Dept. Agr., 1906-7; asst. prof. agron., Univ. Me., 1907-9; specialist agrl. educ., U. S. Bur. Educ., 1909-10; agrst., Intern. Correspondence Sch., Scranton, Pa., 1910-4; present position, 1914-. —*b.* Whigville, O., Sept. 9, 1881; *s.* Jonas R. and Mary A. (Large) M.; reared on farm; *m.* Sarah Margaret Weinstein, Sept. 26, 1906. B.S.A., Ohio State Univ., 1906. Alpha Zeta.

McClintock, Lawrence Delmar, co. agrst., Knowlton, Que.

Dem. ext., Macdonald Coll., 1913-4. Major, Scottish Light Dragoons; awarded Military Cross, 1918. *Auth.*: Mink Ranching, 1924. (Breeding minks and muskrats). —*b.* Point Fortune, Ont., Sept. 30, 1887; *s.* Geo. Patrick and Caroline Matilda (Williamson) M.; reared on farm; *m.* Mary Louise Pettes Mason, May 8, 1920; *c.* Geo. Austin. B.S.A., McGill Univ., 1913.

McCloskey, Erwin Getman, eastern editorial manag., Soil Improvement Com., Nat. Fertilizer Assoc., 30 Stock Exchange, Baltimore, Md.

Farmer, 1909-11; princ. agrl. high-sch., Sparks, Md., 1913-7; present position, 1917-. —*b.* Hamburg, N. Y., Mar. 2, 1887; *s.* Neil and Susan E. (Getman) M.; reared on farm; *m.* Minnie B. Howard, Sept. 5, 1911; *c.* Dorothy E., Catherine F. B.S.A., Cornell Univ., 1909. Alpha Zeta.

McClure, Charles Elton, farmer and dairyman, R. F. D., Wooster, O.

Farmer and stock raiser, 1894-1918; co. agrl. agt., Boone Co., Ind., 1918-9. —*b.* near Newton, Ind., May 22, 1871; *s.* Chas. D. and Martha A. (Haas) M.; reared on farm; *m.* Lillie Bittenbender, Dec. 19, 1894; *c.* Agnes Charline, Glena Irene, John Malcolm. B.S., Purdue Univ., 1890. Kappa Sigma.

McClure, Everett, farmer, Aurora, Ind.

Master Ind. State Grange; 1st vice-pres. Ind. Fed. of Farmers. Traveled in S. Amer. and Europe, 2½ yrs. —*b.* Humphrey, Ky., Aug. 22, 1878; *s.* Sherod W. and Lucretia C. (Humphrey) M.; reared in town and on farm; *m.* Mary Eliza Miller, June 24, 1909; *c.* Mary Jeanette. Ph.B., DePauw Univ., 1900. Sigma Nu.

McClure, Harry B., invest. in hay marketing and standardization of hay grades, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Farmer, 1902-5; agrst. in chg. hay invests., Off. Farm Manag., U. S. Dept. Agr., 1906-18; present position, 1919-. —*b.* Dallas Center, Ia., Mar. 22, 1879; *s.* Alexander Bryan and Nettie (Overholt) M.; reared on farm; *m.* Ina A.

Richmond, Apr. 2, 1907; 2d, Hannah K. Dixon, Oct. 15, 1919; *c.* Miriam Avis. B.S.A., Ia. State Coll., 1902; M.S.A., 1906. Beta Theta Pi.

McClymonds, Arthur Erskine, supt. Aberdeen Coop. Substa., Aberdeen, Ia.

Supt. Exp. Sta. farm, Manhattan, Kans., 1915-6; farm manag. for Amer. Lead, Zinc and Smelting Co., 1917; ext. agron., Colo. Agr. Coll., 1919-21; present position, 1921-. Lieut. Field Art., U. S. Army, 1918. (Field crops). —*b.* College Springs, Ia., Nov. 15, 1891; *s.* Samuel Erskine and Anna Elizabeth (Glenn) M.; reared on farm and in town. B.S., Kans. State Agr. Coll., 1915. Alpha Zeta; Delta Tau Delta.

McCollam, Millard Earl, agron., W. Wash. Exp. Sta., Puyallup, Wash.

With Bur. Chem., U. S. Dept. Agr., 1919-20; U. S. Grain Corp., 1920; present position, 1920-. Served in U. S. Army, 1917-9. (Forage crops). —*b.* Buffalo, N. Y., Aug. 2, 1894; *s.* Wm. T. and Anna T. (Carter) M.; reared in town; *m.* Euphemia Cassels Forbes, Apr. 15, 1920; *c.* Jane Euphemia. B.S., Univ. Calif., 1917. Alpha Zeta.

McColloch, James Walker, assoc. ent., Kans. Exp. Sta., Manhattan, Kans.

b. Anthony, Kans., Apr. 14, 1889; *s.* Robt. P. and Belle (Walker) M.; reared in town; *m.* Maude E. Nonamaker, Dec. 11, 1911; *c.* Marjorie Mabel, Robt. J. B.S., Kans. State Agr. Coll., 1912; M.S., 1923. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

McCollom, Norman Harold, dir. agrl. dept., high-sch., Chico, Calif.

Dir. agrl. instr., Colusa Union High-Sch., Calif., 1920-2; Chico, 1922-. Chm. Sacramento Valley sect., Calif. Agrl. Teach. Assoc., 1922-3; chm. Chico Hort. Soc., 1924-5. 2d Lieut. Field Art., O. R. C. —*b.* Kansas City, Mo., June 25, 1897; *s.* Frederick Alexander and Alvah (Behring) M.; reared in town and country; *m.* Eulalia Macdonald, July 25, 1918; *c.* John Donald. B.S., Univ. Calif., 1921.

McComas, Earl W., asst. an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Farmer, San Joaquin Valley, Calif., 1912-8; present position, 1920-. Served in Engin. Corps, U. S. Army, 1918-9. (Beef cattle). —*b.* Stockton, Calif., Oct. 11, 1894; *s.* Harry and Clara Belle (Crispin) M.; reared in town and on farm. B.S., Univ. Calif., 1916. Alpha Sigma Phi.

McComb, Jessie Dunlavy, state leader home econ. ext., Ore. Agr. Coll., Corvallis, Ore.

Teach. biol., Univ. Porto Rico, 1908-12; asst. state leader home econ. ext., Ore. Agr. Coll., 1917-9; state leader, 1919-. —*b.* Ill.; *d.* W. A. and Effie (Gabriel) Dunlavy; reared on farm and in town. A.B., Univ. Neb., 1907; A.M., Columbia Univ., 1917.

McConnell, Austin Joseph, teach. agr., high-sch., Newton, N. J.

Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Mayville, N. Y., Feb. 22, 1888; *s.* E. J. and Rose (Nessel) M.; reared on farm; *m.* Florence Parker, July 31, 1916; *c.* Austin Jr., Marion, Marjean. B.S., Cornell Univ., 1915.

McConnell, Bright, co. agrl. agt., Court House, Augusta, Ga.

Lieut. Aviation Corps, U. S. Army. (Small grains and live-stock). —*b.* Carnesville, Ga., Dec. 29, 1892; *s.* W. F. and Katie (Adams) M.; reared in town and on farm; *m.* Marjorie Bush, June 25, 1919. B.S.A., Univ. Ga.; M.S.A., 1916. Sigma Chi.

McCool, George Walter, teach. voc. agr., high-sch., Savannah, O.

Teach. voc. agr., Caldwell, O., 1922-3; Savannah, 1923-. —*b.* Jenkintown, Pa., Aug. 31, 1895; *s.* John Bolton and Sophia H. (Baker) M.; reared in town. B.S., Penn. State Coll., 1921; M.S., 1922. Phi Kappa Phi.

McCool, Merris Mickey, prof. and head dept. soils, Mich. State Coll., E. Lansing, Mich.

Asst. plant physiol., Cornell Univ., 1908-9; instr., 1909-12; asst. prof. soils,

Ore. Agr. Coll., 1912-4; present position, 1914-. —*b.* Amity, Mo., Aug. 31, 1883; *s.* John and Martha (Merris) M.; reared on farm; *m.* Nellie D. Riggs, Sept. 21, 1911. B.S., Univ. Mo., 1908; M.S., Cornell Univ., 1910; Ph.D., 1912. Sigma Xi; Alpha Zeta; Gamma Alpha.

McCord, John Earl, assoc. prof. farm manag. and rural econ., Penn. State Coll., State College, Pa.

Co. agrl. agt., Brookville, Pa., 1916-9; asst. prof. farm manag. and rural econ., Penn. State Coll., 1920-2; assoc. prof., 1922-. Chm. food supply dept., Public Safety Com., Jefferson Co., 1917-8. —*b.* Berwinsdale, Pa., Nov. 9, 1892; *s.* J. N. and Irene (Dinesha) M.; reared on farm; *m.* Helen Miller, June 5, 1917. B.S., Penn. State Coll., 1915; M.S.A., Cornell Univ., 1920. Lambda Chi Alpha.

McCormick, Anne Elizabeth, home dem. agt., 106 Front St., Santa Cruz, Calif.

Ext. serv., Ore. Agr. Coll., 1917-9; present position, 1921-. (Nutr.). —*b.* Lebanon, Ore., July 28, 1890; *d.* Malcolm and Elizabeth (Sims) M.; reared on farm. B.S., Ore. Agr. Coll., 1916; student Columbia Univ., 1919-20.

McCoy, Walter Eli, farmer, Washington C. H., O.

Asst. soils, Ohio State Univ., 1912-3; agrl. ext., 1913-20. —*b.* Washington C. H., O., Jan 10, 1887; *s.* Mart L. and Anna M. (Parrett) M.; reared on farm; *m.* Ruth C. Allen, July 12, 1913. B.S.A., Ohio State Univ., 1912. Alpha Zeta.

McCrary, Irvin James, lands. arch., 900 Exchange Bldg., Denver, Colo.

Sec. Bancker-McCrary Brokerage Co., 1908-9; lands. arch., 1913-; mem. firm McCrary, Culley, Carhart, 1923-. Expert planner, Construction Div., U. S. Army, 1918. Mem. Denver Art. Comn. Fellow Amer. Soc. Lands. Arch., vice-pres. Miss. Valley chapter. —*b.* Denver, Colo., Mar. 17, 1885; *s.* Napoleon B. and Sue (McFarland) M. Litt.B., Princeton Univ., 1907; M.L.A., Harvard Univ., 1913.

McCrary, Otis Frederick, distr. agrl. agt., Raleigh, N. C.

Teach. math. and sci., Cyrene Inst., Ga., 1912-3; teach. agr. and sci., high-sch., Verda, La., 1913-4; teach. sci., high-sch., Hampton, Va., 1914-5; agrl. agt. Lenoir Co., N. C., 1915-7; present position, 1917-. —*b.* Asheville, N. C., May 30, 1884; *s.* Silas and Emma (Ball) M.; reared on farm; *m.* Eunice Penny, Dec. 23, 1919. B.S., Clemson Agr. Coll., 1912; grad. student, N. C. State Coll., 1924.

McCrea, Vera Theresa, head home dept., Dairymens League Coop. Assoc., 120 W. 42nd St., New York, N. Y.

Teach. dom. sci., N. Y. City, 1913-4; Yonkers, 1914-8; home bur. manag., Cortland and Tompkins Cos., 1918-23; present position, 1923-. Pres. State Fed. Home Bur. Managers, 1919-22. —*b.* DeKalb Junction, N. Y., June 16, 1889; *d.* I. H. and Ella (Brice) M.; reared on farm. Student St. Lawrence Univ., Columbia Univ. Delta Delta Delta.

McCrory, Samuel Henry, chief div. agrl. engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Civil engin., Sioux City, Ia., 1904-6; drainage engin., Off. Exp. Stas., U. S. Dept. Agr., 1907-12; engin. in chg., 1912-3; chief drainage invests., 1913-21; present position, 1921-. —*b.* Iowa City, Ia., May 5, 1879; *s.* Chas. Robt. and Ruth Ann (Stevenson) M.; reared on farm; *m.* Blanche Severe, June 30, 1909; *c.* Dorothy Emogene, Ruth Roberta. B.S. in C.E., State Univ. Ia., 1904; C.E., 1908.

McCubbin, Walter Alex., plant path., Bur. Plant Ind., Dept. Agr., Harrisburg, Pa.

Lect., Ont. Agr. Coll., 1911-2; in chg. field lab. of plant path., St. Catharines, Ont., 1912-9; present position, 1919-. —*b.* Ont., Jan. 2, 1880; *s.* John M. and Kate (Williams) M.

McCue, Charles Andrew, dean dept. agr., dir. Exp. Sta., and dir. agrl. ext., Univ. Del., Newark, Del.

Instr. hort., Mich. Agr. Coll., 1904-7; prof. hort. and hort. Exp. Sta., Del.

Coll., 1907-20; present position, 1920-. Chm. program com., Amer. Soc. Hort. Sci., 1916-7; pres., 1918. Hort. ed., Practical Farmer, 1915-7. —*b.* Cass City, Mich., May 29, 1879; *s.* Chas. E. and Catherine (Campbell) M.; reared on farm; *m.* Florence Beebee, 1906 (d. 1907); 2d, Essie Willis, 1912; *c.* John Beebee. B.S., Mich. Agr. Coll., 1901; grad. student Mich. Agr. Coll., 1903-4, Univ. Penn., 1911 and 1913.

McCuen, Glen William, prof. and head dept. agrl. engin., Ohio State Univ., Columbus, O.

Instr. agrl. engin., Ohio State Univ., 1915-8; asst. prof., 1918-20; prof., 1920-4; head dept., 1924-. Vice-pres. Amer. Soc. Agrl. Engin., 1922. Agrl. engin. ed., Ohio Farmer, 1919-24. —*b.* Chebanse, Ill., July 14, 1888; *s.* Jas. F. and Matilda A. (Butler) M.; reared on farm; *m.* M. Eloise Nation, Oct. 24, 1911; *c.* Beverly Lois, Isabella. B.S.A., Univ. Ill., 1915. Sigma Xi; Alpha Zeta.

McCulloch, Arthur Clifford, poultry promoter, Dominion Live-Stock Branch, Winnipeg, Man.

Dem. in poultry husb., Ont. Agr. Coll., 1912-5; instr. poultry husb., Ore. Agr. Coll., 1916-7; poultry supt., Dept. Agr., Fredericton, N. B., 1918-20; sec.-treas. Maritime Poultry Assoc. 1919-20; present position, 1924-. —*b.* Epsom, Ont., June 25, 1889; *s.* Wm. Edward and Miriam (Costello) M.; reared on farm. B.S.A., Ont. Agr. Coll., 1912.

McCune, Newell Avery, minister, E. Lansing, Mich.

Instr. agr., Berea Coll., Ky., 1901-3. Ordained Methodist Episcopal minister, 1908; pastor Three Rivers, Mich., 1907-10; Benton Harbor, 1910-7; Peoples Church, E. Lansing, 1917-. On Weekly Sermon Dept., Michigan Farmer. —*b.* Philadelphia, Pa., July 21, 1881; *s.* W. J. and Angeline (Snow) M.; reared in town; *m.* Caroline R. Jennings, June 19, 1907; *c.* John Jennings. B.S., Mich. Agr. Coll., 1901; S.T.B., Boston Univ., 1907; M.A., 1909; student Univ. London, 1914.

McCurdy, James Jacob, farm supt., Bemidji, Minn.

Teach. agr., 1918; co. agrl. agt. Beltrami Co., Minn., 1918-9; supt. co. farm, 1919-. Sec.-treas. Beltrami Co. Farm Bur. (Sheep farming, land clearing). —*b.* Madelia, Minn., July 10, 1886; *s.* J. B. K. and Emma (Driggers) M.; reared on farm; *m.* Mabel Scripture, May 6, 1914; *c.* John Edward, Robt. Grad. Univ. Minn., 1913.

McDaniel, Eugenia Inez, assoc. prof. ent. and res. asst. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Princ. high-sch., Parker, Kans., 1909-10. (Coccidæ). —*b.* LaCrosse, Kans., June 27, 1884; *d.* Vern and Harriet (Seeley) M.; reared on farm. A.B., Univ. Kans., 1908.

McDaniel, Guy Quisenberry, co. agrl. agt., Court House, St. Joseph, Mo.

Registered pharmacist and manag. drug store, Bolivar, Mo., 1913-6; farm loan dept., Miss. Valley Trust Co., St. Louis, 1917. Sergeant U. S. Army, 1917-8. (Farm manag.). —*b.* Bolivar, Mo., Dec. 8, 1890; *s.* Thos. Q. and Jennie (Senter) M.; reared on farm and in town; *m.* Dorothy Dunnegan, Apr. 17, 1919. B.S.A., Univ. Mo., 1917. Sigma Nu; Alpha Zeta; Gamma Sigma Delta.

McDill, Paul, teach. voc. agr., high-sch., Callaway, Neb.

Present position, 1922-. Served in U. S. Navy, 1918. (An. husb.). —*b.* Malvern, Ia., Oct. 3, 1896; *s.* Samuel Louis and Anna (Hilton) M.; reared on farm; *m.* Emma Louise Engel, Sept. 1, 1920; *c.* Thos. Paul, Robt. Lewis. B.S.A., Univ. Neb., 1922. Alpha Gamma Rho; Alpha Zeta; Gamma Sigma Delta.

McDonald, Clair Woods, ext. assoc. prof. an. husb., Ia. State Coll., Ames, Ia.

Asst. an. husb., Penn. State Coll., 1917-8; instr., 1918-9; present position, 1919-. (Beef cattle, hogs and farm meats). —*b.* Rochester, Pa., Feb. 5, 1893; *s.* Chas. Woods and Bertha (Cheney) M.; reared in town; *m.* Janet Wilson Laird, Aug. 8, 1919. B.S., Penn. State Coll., 1917; M.S., 1919. Alpha Gamma Rho; Phi Kappa Phi.

McDonald, Elmer M., farmer, Lerna, Ill.

Teach. sci., high-sch., Charleston, Ill., 1905-7; instr. agron., Univ. Ill., 1910-2; asst. prof. agron., Mass. Agr. Coll., 1912-5; asst. prof. farm crops, Univ. Mo., 1919-20; farmer, Alberta, Canada, 1920-2; Lerna, Ill., 1922-. 1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Lerna, Ill.; *s.* John T. and Nancy (Massey) M.; reared on farm. B.S., Univ. Ill., 1910. Sigma Xi; Alpha Zeta; Gamma Alpha.

McDonald, Harry Milson, teach. agr., high-sch., Frederick, Md.

Served in U. S. Navy, World War. —*b.* Westernport, Md., Jan. 30, 1897; *s.* John J. and Mary Jane (Miller) M.; reared on farm. B.S., Univ. Md., 1920; M.A., Columbia Univ., 1923. Phi Delta Kappa.

McDonald, Henry Temple, pres. Storer Coll., Harpers Ferry, W. Va.

Princ. high-sch., N. Adams, Mich., 1898; Hillsdale, 1899; present position, 1899-. Country life conference ext. work, W. Va. Univ., 1922-. —*b.* Blue Earth, Minn., May 9, 1872; *s.* Jas. and Sarah (Blanchard) M.; reared on farm; *m.* Elizabeth Stewart Mosher, June 12, 1901; *c.* Frances M., Elizabeth Geo., Marian Sarah, Frank Henry. A.B., Hillsdale Coll., 1897; A.M., 1899; LL.D., 1922. Alpha Tau Omega.

McDonald, Murl, co. agt. leader, Ia. State Coll., Ames, Ia.

Agrl. ext. dept., Ia. State Coll., 1910-2; co. Y. M. C. A. work, 1912-4; present position, 1914-. Revisor, Bowman Crossley Corn Book. —*b.* Clay Co., Neb., Jan. 1, 1886; *s.* Millard L. and Emma Lenora (Dixon) M.; reared on farm. B.S.A., Ia. State Coll., 1911. Alpha Zeta; Delta Sigma Rho.

McDonel, Karl Hanchett, asst. ext. dir., Mich. State Coll., E. Lansing, Mich.

Farm manag. dem., U. S. Dept. Agr., 1916-7; superv. ext. schs. in Mich., 1917-8; present position, 1918-. (Farm manag., rural econ.). —*b.* Eaton Co., Mich., Apr. 11, 1893; *s.* Frederick R. and Luttie (Hanchett) M.; reared on farm; *m.* Irma C. Nichols, Apr. 24, 1919; *c.* Margaret. B.S., Mich. Agr. Coll., 1916.

McDougall, Walter Burroughs, dir. Atlantic Co. voc. schs., Pleasantville, N. J.

Dairy manag., June-Oct., 1911; foreman fruit orchards, Ida., 1912; specialist, N. J. Exp. Sta., 1913; teach. agr., Heathcote Sch., Harrison, N. Y., 1913-4; teach. Atlantic Co. voc. schs., 1914-7; dir., 1917-. Treas. Atlantic City Community Market; sec. Atlantic Co. Agrl. Fair Assoc. —*b.* Brooklyn, N. Y., Aug. 1, 1890; *s.* Chas. and Anna M.; reared in town and country; *m.* Edith Hodgson, Nov. 3, 1917; *c.* Chas. Walter, Robt. Donald, Howard Hodgson. B.Sc., Rutgers Coll., 1911. Phi Beta Kappa.

McDowell, Andrew Jackson, dairy agt., Frisco R. R., 205 Frisco Bldg., Springfield, Mo.

Supt. city schs., Seymour, Mo., 1885-8, 1892-4; princ. ward sch., Oak Cliff, Tex., 1890-1; practicing attorney, 1894-1902; dairy lect., state ext. serv., 1905-11; present position, 1911-. Vice-pres. Mo. State Dairy Assoc.; pres. Ozark Dairy Assoc.; vice-pres. Webster Co. Holstein Breeders Assoc. —*b.* Long Point, Ill., Apr. 28, 1862; *s.* Andrew J. and Dorlisca Jane (Perry) M.; reared on farm; *m.* Edith V. Love, Apr. 5, 1894; *c.* Walter L. Grad. N. Ind. Normal Sch., 1883.

McDowell, John Chambers, dairy husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Asst. prof. agr., N. D. Agr. Coll., 1903-4; prof. agron., 1905-7; expert, Off. Farm Manag., U. S. Dept. Agr., 1908-9; agrst., 1910-5; present position, 1916-. *Auth.*: (with J. H. Shepperd) Elements of Agriculture, 1904. —*b.* near Montello, Wis., Dec. 25, 1867; *s.* Geo. and Isabella (Bailie) M.; reared on farm; *m.* Frances L. Jacob, Dec. 23, 1895; *c.* Dorothea, Chas. Jacob, Robt. Benj. B.S.A., Univ. Wis., 1903.

McDowell, Milton S., vice-dean and dir. agrl. ext., Penn. State Coll., State College, Pa.

b. Milroy, Pa., Jan. 13, 1872; *s.* Wm. Eliott and Louisa (McGuire) M.; reared on farm; *m.* Mable Snyder, June

28, 1900; *c.* 4. B.S., Penn. State Coll., 1892; M.S., 1897. Kappa Sigma; Alpha Zeta.

McDowell, Robert E., dairy farmer, R. R. 3, Charlotte, N. C.

Instr., N. C. State Coll., 1913-4. Pres. N. C. State Breeders Assoc. —*b.* Mecklenburg Co., N. C., Oct. 10, 1887; *s* John and Emma (Neely) M.; reared on farm; *m.* Grace A. Bradford, Feb. 28, 1918; *c.* Robt. E. Jr., John Chas. B.S., Davidson Coll., 1908; B.S., Univ. Ill., 1916. Kappa Sigma.

McElmurry, Loretta, ext. clothing specialist, Kans. State Agr. Coll., Manhattan, Kans.

Teach. grades, Brookings, S. D., 1902-10; high-sch., 1913-4; E. Normal Sch., Madison, S. D., 1914-20; N. D. Agr. Coll., 1921; agrl. and immig. ext. serv., Govt. of Manitoba, 1922-3; present position, 1924-. —*b.* Aurora, S. D., Apr. 11, 1881; *d.* Samuel A. and Christina (Moodie) M.; reared in village. B.S., S. D. State Coll., 1901.

McElroy, Harry Morton, supt. Ind. Farm, Fort William, Ont.

Agrl. rep., Ont., 1913-5, 1919; distr. agrst., Soldier Settlement Bd., Alta., 1920-1; present position, 1921-. Dir. W. Algoma Fair Bd. Capt., Canadian Army, 1915-9. —*b.* Chesterville, Ont., Mar. 1, 1891; *s.* Wm. and Hannah (Smith) M.; reared on farm; *m.* Edith Mae Allan; *c.* Barbara Frances. B.S.A., Ont. Agr. Coll., 1913.

McElwain, Edgar Marshall, teach. voc. agr., high-sch., Ada, O.

b. LaFayette, O., Sept. 15, 1890; *s.* E. E. and Orie Ellen (Jennings) M.; reared on farm; *m.* Lola Olive Cotner, May 1917; *c.* Maxine Edna, Eleanor Grace. B.S.A., Ohio State Univ., 1917.

McFarland, John Horace, master printer, lect., auth., Mt. Pleasant Press, Harrisburg, Pa.

Pres. Amer. Civic Assoc., 1904-; vice-pres. Nat. Municipal League, 1914-. Mem. Harrisburg Park Comn., 11 yrs.; mem. Pa. Conservation Comn.; pres. 3rd Distr. Typothetae Fed., 1923-. Lect. on civic betterment, trees, flowers, printing. *Auth.*: Photographing Flowers and Trees, 1902; Getting Acquainted with the Trees, 1904; My Growing Garden, 1916; The Rose in America, 1923. *Ed.*, American Rose Annual, 1916-. (Civic betterment, roses). —*b.* McAlisterville, Pa., Sept. 24, 1859; *s.* Geo. F. and Adeline D. (Griesemer) M.; reared in suburbs; *m.* Lydia S. Walters, May 22, 1884; *c.* Helen L., Robt. B. L.H.D., Dickinson Coll., 1924.

McFee, Neta Boyd, home dem. agt., Dyersburg, Tenn.

Teach. home econ., Young high-sch., Tenn., 1916-9; present position, 1919-. —*b.* Concord, Tenn., Mar. 1, 1894; *d.* Wm. T. and Laura (Misemer) M.; reared on farm. B.A., Univ. Tenn., 1916.

McGehee, James Stewart, grain merchant in St. Louis and farmer, Woodlawn Farm, Laurel Hill, La.

Railroad conductor and agt., 1880-8; farmer, 1888-91; sec. W. L. Green Comn. Co., grain merchants, St. Louis, 1891-1903; pres. Burlington Elevator Co., 1903-6. —*b.* Wilkinson Co., Miss., Mar. 9, 1860; *s.* John Burruss and Catherine Elizabeth (Stewart) M.; reared on farm; *m.* Lise Courtney Johnson, Dec. 5, 1882. Student Univ. Va.

McGinnis, Esther, prof. and head dept. home econ., Univ. Me., Orono, Me.

Asst. home econ., Ohio State Univ., 1915-6; instr., Univ. Me., 1916-7; instr., Univ. Ida., 1917-8; instr., Univ. Me., 1918-9; asst. prof., 1919-23; assoc. prof. and acting head dept., 1923-4; prof. and head dept., 1924-. —*b.* Columbus, O., Nov. 27, 1893; *d.* H. A. and Hettie (Belden) M.; reared in city. B.S., Ohio State Univ., 1915; M.S., Columbia Univ., 1923. Phi Upsilon Omicron.

McGinty, Rupert Alonzo, assoc. prof. hort., Colo. Agr. Coll., Fort Collins, Colo.

Instr. hort., Colo. Agr. Coll., 1913-5; asst. prof., 1915-7; assoc. prof., 1917-20; field manag., Colo. Packing Corporation, Canon City, 1920-1; present position,

1921-. —*b.* W. Point, Ga., May 2, 1886; *s.* John Franklin and Laura (Spikes) M.; reared on farm and in city; *m.* Letitia Cross, June 11, 1914; *c.* Thos. Franklin, Wm. Milner, Margaret. B.S., Ala. Poly. Inst., 1913; A.M., Wash. Univ., 1919. Sigma Xi; Alpha Zeta.

McGlamary, John Walker, jr. ent., U. S. Dept. Agr., Box 157, Macclenny, Fla.

Lieut. U. S. Army, 1917-20. —*b.* Staunton, Va., Aug. 12, 1892; reared on farm. B.S., Davis & Elkins Coll., 1920.

McGovran, Edward Rawson, teach. voc agr., high-sch., Clay, W. Va.

b. S. Milwaukee, Wis.; *s.* T. Y. and Jessie (Harris) M.; reared on farm. B.S., W. Va. Univ. Alpha Gamma Rho; Alpha Zeta.

McHargue, James Spencer, res. chem., Ky. Agr. Exp. Sta., Lexington, Ky.

With U. S. Bur. Standards, July-Nov., 1906; Hygienic Lab., Washington, D. C., 1906-8; chem. Ky. Geol. Survey, 1908-12; present position, 1912-. Fellow A. A. A. S., mem. Ky. Acad. Sci. —*b.* Jan. 29, 1878; *s.* Jas. and Nancy (Norvell) M.; reared on farm; *m.* Minnie Lee Foley, Dec. 24, 1913. Cumberland Coll., Williamsburg, Ky., 1899-1900; B.S., Univ. Ky., 1906; M.S., 1914; Ph.D., Cornell Univ., 1921. Sigma Xi; Alpha Chi Sigma.

McHatton, Thomas Hubbard, prof. and chief div. hort., Univ. Ga., Athens, Ga.

Hort., Ga. Exp. Sta., Jan.-Nov. 1908; present position, 1908-; state leader hort. ext. Sec. Ga. State Hort. Soc. 1909-22; vice-pres., 1923-4; pres. 1924-5; vice-pres. Amer. Soc. Hort. Sci., 1922; mem. exec. com. Amer. Pom. Soc., 1920. Fellow A. A. A. S. Capt. Aviation Aircraft Production, Jan.-Dec. 1918; Major O. R. C., 1922-. *Part auth.*: Land Teaching, 1910; auth. treatise of southern agr. for Life Planning Inst. Hort. ed. Southern Ruralist, 1908-. —*b.* Brooklyn, N. Y., Nov. 12, 1883; *s.* Henry and Eliza (Hubbard) M.; reared in town and on farm; *m.* Marie Lustrat, June, 1911; *c.* Marie Lustrat. B.S., Spring Hill Coll., Mobile, Ala., 1903; Sc.D., 1907; B.S., Mich. Agr. Coll., 1907; Mast. Hort., 1922. Alpha Zeta; Phi Kappa Phi.

McHenry, Ralph Frank, co. agrl. agt., Cumberland, Md.

Field asst. in tobacco invest., U. S. Dept. Agr., 1916; asst. boys' club work, Md. Agr. Coll., 1916-7; state agt., 1917-. —*b.* Frederick, Md., Feb. 11, 1894; *s.* Allen and Julia (Baker) M.; reared in town. B.S., Md. Agr. Coll., 1916. Sigma Nu.

McIlvane, Theodore Clinton, agt. tobacco invests., U. S. Dept. Agr., and asst. agron., W. Va. Exp. Sta., Morgantown, W. Va.

Farmer, 1898-1913. —*b.* Paradise, Pa., Aug. 4, 1875; *s.* Albert P. and Annie M. (Kinzer) M.; reared on farm. B.Sc., Penn. State Coll., 1915; M.S., 1916; Ph.D., Ohio State Univ., 1924.

McIndoo, Norman Eugene, insect physiologist, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Teach. biol., high-sch., Fond du Lac, Wis., 1906-8. Collected fish in Cuba for Ind. Univ. Museum, summer 1905. (Senses of insects, insecticides). —*b.* Lyons, Ind., Apr. 11, 1881; *s.* Jacob and Katherine Sarah (Halstead) M.; reared on farm; *m.* Emma C. Pabst, Dec. 23, 1911; *c.* Thos. Montgomery, Mary Velisha. A.B., Ind. Univ., 1906; A.M., 1909; Ph.D., Univ. Penn., 1911. Sigma Xi.

McInerney, Thomas Joseph, asst. prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Asst. dairy ind., Cornell Univ., 1910-2; instr., 1912-3; instr. and invest., 1913-6; asst. prof., 1917-. (Dairy chem.). —*b.* Elmira, N. Y., Apr. 13, 1885; *s.* Patrick and Margaret (Looney) M.; reared on farm; *m.* Margaret L. Mahoney, Sept. 24, 1913; *c.* Thos., Margaret, Mary. B.S.A., Cornell Univ., 1910; M.S.A., 1912.

McIntosh, Lorin Commodore, superv. voc. agr., high-sch., Worthington, Ind.

Supt. grain farm, Freedom, Ind., 1912-7; supjerv. voc. agr., Forest, Ind., 1922-3; agt., Benton Co., Ind., 1923-4;

present position, 1924-. Served in U. S. Army, 1917-9. (Live-stock). —*b.* Spencer, Ind., Dec. 28, 1895; *s.* Calvin Fletcher and Elizabeth (Jaeger) M.; reared on farm and in town. B.S.A., Purdue Univ., 1922. Acacia.

McIntyre, Elwood Richards, agrl. writer and ed. The Wisconsin Farmer, Madison, Wis.

b. New London, Wis., Aug. 14, 1888; *s.* Geo. H. and Carrie (Richards) M.; reared in small town; *m.* Alvina Kurz, Apr., 1916; *c.* Margaret, Jean.

McIntyre, John Edward, agrl. rep., Bathurst, N. B.

b. Campbellton, N. B., Sept. 3, 1894; *s.* Henry and Theresa (Clapperton) M.; reared on farm; *m.* Ethel Driscoll, Dec. 26, 1923; *c.* Mary Patricia. B.S.A., Univ. Toronto, 1921.

McKay, Andrew William, specialist agrl. coop., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Expert in fruit storage, U. S. Dept. Agr., 1908-13; pom., 1913-4; invest. fruit transportation, 1916-7; specialist in chg. refrigerator and heater car invests., Bur. Markets, 1918; formerly vice-pres. Southern States Produce Distributors, Valdosta, Ga. (Transportation and marketing of fruits and vegetables). —*b.* River John, N. S., Nov. 20, 1883 (naturalized 1909); reared on farm; *m.* Margaret Curtis, July 22, 1913; *c.* Curtis Andrew, Jas. Creighton, Robt. Gram. B.S.A., Cornell Univ., 1908.

McKay, Marion Bertice, plant path., Ore. Exp. Sta., Corvallis, Ore.

Sci. asst. plant path., U. S. Dept. Agr., 1912-5; present position, 1916-. —*b.* Humphreys, Mo., July 14, 1887; *s.* Henry Columbus and Sarah Mariah (Palmer) M.; reared on farm; *m.* Venus Worrell Pool, Nov. 7, 1915; *c.* Muriel Pool, Maurice Pool. B.S., Okla. A. & M. Coll., 1911; M.S., Univ. Wis., 1915.

McKee, Clyde, prof. agron. and agron. Exp. Sta., Mont. State Coll., Bozeman, Mont.

Sci. asst., Off. Cereal Invests., U. S. Dept. Agr., Akron, Colo., 1911-3; distr. dem. agt., Kans. State Agr. Coll., 1913; asst. prof. farm crops, Ia. State Coll., 1913-6; assoc. prof., 1917-21; acting prof., 1921; present position, 1921-. —*b.* Mission Creek, Neb., June 8, 1889; *s.* Oliver and Lydia (Holt) M.; reared on farm; *m.* Clara Lois Shofe, Feb. 17, 1911; *c.* Robt. Thayer, Kenneth Chas., Donald Eugene. B.S., Kans. State Agr. Coll., 1910. Alpha Gamma Rho; Gamma Sigma Delta; Alpha Zeta; Phi Kappa Phi.

McKee, John Milton, deputy sec. of agr., Penn. Dept. Agr., Harrisburg, Pa.

Asst. agron., Penn. State Coll., 1910-1; with soil survey, Pa., 3 summers; farm manag., N. J., 8 mos.; agrl. agt. Washington Co., 1912-21; in chg. rural econ. ext., Penn. State Coll., 1922; present position, 1923-. —*b.* Curllsville, Pa., Sept. 23, 1885; *s.* H. P. and Annie (Craig) M.; reared on farm; *m.* Beth Lilley, Oct. 24, 1912; *c.* Sara Anne, John Milton, Beth Lilley. B.S., Penn. State Coll., 1910; M.S., Univ. Wis., 1922. Alpha Zeta; Gamma Sigma Delta.

McKee, Robert Bruce, co. agrl. agt., Kalispell, Mont.

Teach. agr. and manual training, high-sch., N. D. and Mont., 2 yrs. —*b.* Dwight, N. D., June 8, 1894; *s.* Jas. and Janet M.; reared on farm; *m.* Myrtle Flatin, Dec. 12, 1917. B.S.A., N. D. Agr. Coll. Alpha Gamma Rho; Alpha Zeta.

McKee, Roland, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Foreign seed and plant introduction). —*b.* Marysville, Kans., Dec. 13, 1880; *s.* Robt. Finley and Sarah Elizabeth (Crawford) M.; reared on farm; *m.* Nadine Elizabeth Barada, 1920. B.S., Kans. State Agr. Coll., 1900.

McKell, William Thomas, co. agrl. agt., Selmer, Tenn.

Asst. engin., L. & U. R. R., 1902-6; A. B. & A. R. R., 1906-7; chief engin., C. M. & P., 1907-8; resident engin., B. & N. W. R. R., 1909-10. —*b.* Stark-

ville, Miss., Sept. 27, 1879; *s.* Jas. N. and Issabella W. (Ware) M.; reared on farm; *m.* Annie D. McArn, June 21, 1906; *c.* Wm. M., John D., Thos. E. B.S., Miss. A. & M. Coll., 1900.

McKelvey, Frank Hotchkiss, farmer, 1023 Woodland Ave., Springfield, Ill.

Pres. Randolph Co. Farm Bur., 1917-9; head dept. farm manag., 1st State Trust and Savings Bank, Springfield; special appraiser for Fed. Land Bank of St. Louis, 1917-9. Breeder Aberdeen-Angus cattle. —*b.* Sparta, Ill., June 16, 1882; *s.* Sidney A. and Hattie (Hotchkiss) M.; reared on farm; *m.* Gertrude Ann Lee, Feb. 9, 1910; *c.* Mary Frances, Franklin Hotchkiss. B.S., Univ. Ill., 1907. Phi Delta Theta; Alpha Gamma Rho.

McKelvie, Samuel R., publisher The Nebraska Farmer, Lincoln, Neb.

Mem. Neb. Legislature, 1911; Lieut.-Gov., 1913; Governor, 1919-20, 1921-2. —*b.* Fairfield, Neb., Apr. 15, 1881; *s.* Sam and Jennie (Glandon) M.; reared on farm; *m.* Flossie DeArnold, June 19, 1904. Student Univ. Neb. Alpha Tau Omega.

McKenney, Henry Fields, co. agrl. agt., Williamstown, Ky.

Farmer, Falmouth, Ky., 1914-. (Sheep, poultry, alfalfa). —*b.* Falmouth, Ky., Jan. 8, 1891; *s.* W. A. and Mary Frances (Fields) M.; reared on farm; *m.* Marion Joseph McKinley, Aug. 29, 1917; *c.* Henry Fields Jr., Marianna. A.B., Univ. Ky., 1912; B.S.A., W. Va. Univ., 1917. Beta Theta Pi.

McKenzie, Frederick Francis, agt. in an. husb., U. S. Dept. Agr., Univ. Mo., Columbia, Mo.

Dir. B. C. Guernsey Breeders Assoc., 1922. Served in Royal Air Force, World War. (An. breeding). —*b.* Lulu Isl., B. C., May 31, 1900; *s.* W. M. and Florence E. (McDonald) M.; reared on farm; *m.* Corinne Kauffman, June 25, 1924. B.S.A., Univ. B. C., 1921; A.M., Univ. Mo., 1923; Ph.D., 1925. Sigma Xi; Gamma Sigma Delta.

McKillican, William Christie, dean Coll. Agr., Univ. Man., Winnipeg, Man.

Rep. Seed Branch, Dept. Agr., in Alta. and B. C., 1905-11; supt. Dominion Exp. Farm, Brandon, Man., 1911-24; present position, 1924-. Dir. Man. Provincial Exhibition; pres. Man. Sheep Breeders Assoc.; pres. Man. Winter Fair. (Farm crops, live-stock). —*b.* Breadalbane, Ont., Aug. 23, 1882; *s.* Wm. E. and Emma May (Christie) M.; reared on farm; *m.* Anna M. Stewart, Sept. 2, 1909; *c.* Mary E. B.S.A., Ont. Agr. Coll., 1905.

McKimmon, Jane Simpson, state home dem. agt., Dept. Agr., Raleigh, N. C.

Present position, 1910-; state dir. home econ. under Nat. Food Adminis. —*b.* Raleigh, N. C.; *d.* Wm. and Ann Cannon (Shanks) Simpson; reared in city; *m.* Chas. McKimmon; *c.* Chas., Anne, Wm., Hugh.

McKinney, Harold Hall, path. Off. Cereal Invests., U. S. Dept. Agr., Madison, Wis.

Grad. asst. plant path., Univ. Wis., 1918-9. (Foot-rot and mosaic diseases of cereals). —*b.* Cherryvale, Kans., Feb. 2, 1889; *s.* Philip E. and Sarah (Hall) M.; reared on farm and in city; *m.* Pansy D. Hiatt, 1911; *c.* Robt., Clinton. B.S.A., Mich. Agr. Coll., 1918; M.S., Univ. Wis., 1919. Sigma Xi; Alpha Zeta; Gamma Alpha; Phi Sigma.

McKinsey, Shirley Noel, teach. agr., high-sch., Milford, Ia.

Dir. agr., high-sch., Annandale, Minn., 1915-7; Faribault, 1917-8; agrl. agt. Chickasaw Co., Ia., 1919-21; head poultry dept., Univ. Wyo., 1921-3; present position, 1924-. Served in U. S. Army, 1918-9. Lived in Alaska, 2 yrs. —*b.* Colfax, Ind., May 6, 1892; *s.* A. C. and Carrie (Gillum) M.; reared on farm; *m.* Marion Pederson, July 5, 1917; *c.* Shirley N. Jr., Robt. Austin. B.S., Ia. State Coll., 1915; M.S., 1924.

McKittrick, Elizabeth J., prof. and head dept. home econ., Univ. Wyo., Laramie, Wyo.

Teach. math. and chem., high-sch., Salina, Kans., 1912-5; teach. math., high-sch., Wichita, 1915-8; instr. math., Kans. State Agr. Coll., 1918-9; asst. prof., 1919-22; present position, 1922-. (Foods and nutr.). —*b.* Mt. Union, Pa., *d.* Edward Perry and Isabelle (Stitt) M.; reared in town. A.B., Univ. Kans., 1912; M.S., Kans. State Agr. Coll., 1922. Phi Kappa Phi; Phi Upsilon Omicron.

McKnight, William Russell, teach. agr., high-sch., Centerville, Md.

Asst. agrst., Penn. R. R., 1913-4; farm manag., Little Whim Farm, Broomall, Pa., 1914-7; superv. agr., Porter Township Voc. Sch., 1917-20; manag. Hermitage Stock Farm, Centerville, Md., 1920-2; present position, 1922-. Candidate for Lieut.-Gov. of Pa., 1918. —*b.* Philadelphia, Pa., Feb. 6, 1892; *s.* Oliver and Sussanna (Russell) M.; reared in town and on farm; *m.* Louise G. McCullough, June 3, 1915; *c.* Eleanor L., Robt. Gordon, Marjorie Anne, Frances Ruth. B.S., Penn. State Coll., 1913. Phi Kappa Phi; Delta Theta Sigma.

McKune, Emery F., asst. dir. markets and fed. superv. insp. fruits and vegetables, Denver, Colo.

Asst. hort., Colo. Agr. Coll., 1915-6; invest. marketing, Bur. Markets, U. S. Dept. Agr., 1917; farmer, Colo., 1919-21; superv. insp., Colo. Div. Marketing, 1921-3; present position, 1923-. Served in U. S. Army, 1918. — *b.* Faribault, Minn., July 11, 1888; *s.* Fred and Clarissa (Goar) M.; reared on farm. B.S., Colo. Agr. Coll., 1915; M.S., Ia. State Coll., 1917.

McLaine, Leonard Septimus, chief div. of foreign pests suppression, Dominion Dept. Agr., Ottawa, Ont.

Fellow zool., Mass. Agr. Coll., 1910-2; deputy state nursery insp., Mass., 1912-3; field officer, Dominion Ent. Branch, in N. B. and N. S., 1913-9; present position, 1919-. Sec. Destructive Insect and Pest Act Adv. Bd., 1922-. —*b.* Manchester, England, June 27, 1887; *s.* Peter and Ann (Williams) M.; reared in city; *m.* Kathleen Meredith Lett, June 10, 1924. B.S., Mass. Agr. Coll., 1910; M.S., 1912. Kappa Sigma.

McLaughlin, Helen Fitch, head home econ. dept., Univ. N. H., Durham, N. H.

Teach. hist., Junior High-Sch., Mason City, Ia., 1910-1; formerly home dem. agt., Exeter, N. H. Traveled in Europe and S. Amer. —*b.* Clinton, Mass., Mar. 13, 1887; *d.* Wm. P. and Sarah (Fairfield) Fitch; reared in town; *m.* Harold M. McLaughlin, Aug. 14, 1911. B.A., Univ. Wis., 1909; B.S., Simmons Coll., 1915. Pi Beta Phi.

McLaughlin, Henry Woods, minister, Raphine, Va.

Pastor New Providence Presbyterian Church, 1909-; owner and operator McLaughlin Stock Farm, 1913-. Vice-pres. Amer. Hampshire Sheep Assoc.; mem. bd. Amer. Polled Shorthorn Soc.; 1st pres. Va. Shorthorn Assoc.; vice-pres. Va. Fair Assoc. Pres. bd. trustees Hampden Sidney Coll., 1924; pres. Massanetta Spring Bible Conference, 1922-. Traveled in Europe, Gt. Britain, Egypt, Asia Minor, Syria, 1902. —*b.* Marlinton, W. Va., June 13, 1869; *s.* Andrew M. and Mary Margaret (Price) M.; reared on farm; *m.* Nellie Brown, Aug. 31, 1897; *c.* Virginia T., Margaret P., John B., Andrew M., Henry W., Jas. M., Samuel B., Mary Moore, Lee Massey. A.B., Hampden Sidney Coll., 1893; B.D., Louisville Theol. Sem., 1896; D.D., Washington and Lee Univ., 1917, certificate of merit in agr., Va. Poly. Inst., 1924.

McLaughlin, Laura Ida, nutr. chem., Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Prof. chem., Ill. Womans Coll., 1909-22. —*b.* Toledo, O.; *d.* Riley A. and Ida (Mohler) M.; reared in city. A.B., Univ. Neb.; M.S., Ph.D., Univ. Chicago. Sigma Xi.

McLaughlin, Thomas Edwin, co. agrl. agt., 419 Federal Bldg., Providence, R. I.

Farmer, Md., 1912-8; co. agrl. agt., 1916-8; distr. agrl. agt. and specialist, Univ. Md., 1918-20; manag. Md. and

Va. Milk Producers Assoc., 1920-2. Traveled in France, 1904, 1909-10. —*b.* Topeka, Kans., Feb. 26, 1889; *s.* Jas. B. and Mary G. (Gunning) M.; reared on farm; *m.* Georgia V. Bright, 1912; *c.* Robt., Marian, Virginia. Brevet de Capacite, L'Ecole des Haras de France, 1909; B.S.A., Ohio State Univ., 1912. Delta Tau Delta.

McLaughlin, Walter W., co. agrl. agt., Ottawa, Ill.

Manag. fruit and stock farm, 5 yrs. 2d Lieut. U. S. Army, World War. (Live-stock). —*b.* Cartter, Ill., Sept. 4, 1890; reared on farm. B.S., Univ. Ill., 1920. Alpha Zeta.

McLean, Donald, manag. Roseworth Ranch Co., Buhl, Ida.

Teach. agr. and sci., New Plymouth, Ida., high-sch., 1915-6; supt. schs., Roswell, 1916-7; co. agrl. agt., Twin Falls, 1917-9; present position, 1919-; sec. Ida. State Wool Growers Assoc., Twin Falls, 1924-. Range foreman, Ore., Colo., Utah, 6 yrs.; farmer, Ida., 4 yrs. —*b.* Elyria, O., May 11, 1885; *s.* Lester and Mary Dewey (Shaw) M.; reared in city; *m.* Mary M. De Mund, Nov. 13, 1919. Student Princeton Univ., 1903-4; grad. short-course, Univ. Wis., 1909.

McLean, Harry C., soil bact., N. J. Agr. Exp. Sta., New Brunswick, N. J.

Asst. soil chem., Kans. State Agr. Coll., 1908-10; present position, 1910-. —*b.* Mankato, Kans., Oct. 2, 1885; *s.* Samuel I. and Mary R. (Horne) M.; reared on farm; *m.* Marguerite I. Deinzer, Dec. 1913; *c.* Virginia R. B.S., Kans. State Agr. Coll., 1908; M.S., Rutgers Coll., 1916; Ph.D. 1918. Sigma Xi.

McLean, John A., manag. live-stock serv., The Quaker Oats Co., Chicago, Ill.

Assoc. prof. an. husb., Ia. State Coll., 1906-8; an. husb., Miss. Exp. Sta., 1908-10; Mass. Agr. Coll., 1911-6; prof. an. husb., Univ. B. C., 1916-20; present position, 1921-. —*b.* Ormond, Ont., May 16, 1878; *s.* Thos. and Jessie (McDonald) M.; reared on farm; *m.* Margaret Prendergast, 1907. B.A., McMaster Univ., Toronto, 1902; B.S.A., Ia. State Coll., 1905.

McLean, John Ernest, teach. voc. agr., high-sch., Smith's Station, Ala.

b. Five Points, Ala., Apr. 8, 1898; *s.* J. D. and Varina (Sherard) M.; reared on farm. B.S., Ala. Poly. Inst., 1924. Gamma Sigma Delta; Phi Delta Gamma.

McLendon, James Ward, co. agrl. agt., Florence, S. C.

Teach., Ga. Military Inst., 1910-1; dairy farmer, 1912-7. *Ed.,* Timmonsville Enterprise, 1907-10. —*b.* Timmonsville, S. C., Feb. 17, 1885; *s.* David and Mary (Ward) M.; reared in town. B.S., Clemson Agr. Coll., 1907.

McLendon, William Eugene, farmer, 51 W. Main St., Bishopville, S. C.

Asst., Clemson Agr. Coll., 1901-2; field work in U. S. Soil Survey, 1902-13; insp. of soil survey work, Northern Div., 1913-23. —*b.* Darlington Co., S. C., Dec. 28, 1877; *s.* Thos. J. and Ellen A. M.; reared on farm; *m.* Annie Keene Barret, Oct. 5, 1905; 2d Anie Cummings, Jan. 2, 1924; *c.* Annie Laurie. B.S., Clemson Agr. Coll., 1901.

McMahan, Edgar Oliver, co. agrl. agt., Sanford, N. C.

Princ. Bounty Land rural grade sch., 1915-7; agrl. agt. Cobb Co., Ga., 1919-22; Lee Co., N. C., 1923-. 2d Lieut. Inf., U. S. Army, 1917-8. —*b.* Richland, S. C., June 8, 1892; *s.* Jefferson Davis and Kate Lou (Sligh) M.; reared on farm; *m.* Beth Coe, Dec. 15, 1917; *c.* Betty Lou, Edgar O. J. B.S., Clemson Agr. Coll., 1915.

McMahon, Byron John, teach. voc. agr., high-sch., Eagle, Neb.

Pres. agrl. sect., Neb. State Teach. Assoc. (An. husb.). —*b.* Blair, Neb., Dec. 13, 1898; *s.* John H. and Margaret May (Foley) M.; reared on farm and in town. B.S.A., Univ. Neb., 1920. Phi Delta Theta; Alpha Zeta; Gamma Sigma Delta.

McMath, Albert J., sec.-treas. E. Shore Va. Produce Exchange, Onley, Va.

Mem. State Bd. Agr., pres., 4 yrs. Awarded certificate of merit for distinguished serv. to agr. by Va. Poly. Inst., 1924. —*b.* near Onley, Va., Oct. 25, 1859; *s.* John P. and Kisia (Kelly) M.; reared on farm; *m.* Bessie LeCato, Feb. 7, 1882; 2d, Emma Smith, June 4, 1903; *c.* Eva C., Helen, Geo. W., Bessie LeCato.

McMillan, John Gifford, teach. agr., Union High-Sch., Tulare, Calif.

Teach. high-sch., Holdrege, Neb., 1912-4; state agt. in chg. pig club work, Neb., 1914-7; boys and girls club leader, Univ. Neb., 1919-21; present position, 1922-. Educ. sec., Army Y. M. C. A., 1918. —*b.* Vinton, Ia., Feb. 15, 1885; *s.* Robt. F. and Electa (Johnson) M.; reared on farm; *m.* Evea Moreland, 1922 (d. 1923); *c.* Nancy Jean. B.S., Ia. State Coll., 1912; student Univ. Calif., 1922.

McMillan, Samuel A., co. agrl. agt., Richmond, Tex..

Prof. rural arts, Coll. Ind. Arts, Denton, Tex., 1910-1; instr. agron., Tex. A. & M. Coll., 1911-3; asst. prof., 1913-5; assoc. prof., 1915-7; prof. farm manag., 1917-9. —*b.* Bem, Mo., Mar. 9, 1888; *s.* Thos. J. and Charlotte (Wacker) M.; reared on farm; *m.* Carrie Lebo, Dec., 1914; *c.* Samuel A. Jr., Thos. O., Marjorie Caroline. B.S., Tex. A. & M. Coll., 1909; M.S.A., Cornell Univ., 1914.

McMillen, Wheeler, assoc. ed. Farm and Fireside, 250 Park Ave., New York, N. Y.

Reporter and newspaper ed., 1911-4; owner and ed. Covington, Ind., Republican, 1914-8; farmer, Ada, O., 1918-22; present position, 1922-. *Auth.*: The Farming Fever, 1924. —*b.* Ada, O., Jan. 27, 1893; *s.* Lewis D. and Ella (Wheeler) M.; reared on farm; *m.* Edna Doane, 1915; *c.* Bob. Student Ohio Northern Univ., Ada.

McMindes, Elvin Winfield, co. agrl. agt., Astoria, Ore.

Chm. Clatsop Co. Dairy Marketing Com., 1912. Chm. agrl. com. and dir. Astoria Chamber of Commerce. Served in U. S. Army, 1917-9. (Dairy marketing). —*b.* Milwaukee, Wis., Nov. 9, 1894; *s.* E. J. and Minnie (Booth) M.; reared on farm and in city; *m.* Laura Jackson, Sept. 1916; *c.* Margaret Rae, Doris Louise, Ellen, Laura. B.S., Ore. Agr. Coll., 1918.

McMurtry, Horace, prof. rural educ., Teach. Coll., Bowling Green, Ky.

Asst. teach. agr. and rural educ., Peabody Coll., summers 1922-3. —*b.* White Hill, Tenn., Mar. 4, 1887; *s.* S. H. and Martha (Kirkpatrick) M.; reared on farm; *m.* Leona Brown, June 11, 1917; *c.* Cornell, Lucile. B.A., Peabody Coll., 1922; M.A., 1923. Phi Delta Kappa.

McNair, Albert Duy, agrst., Bur. Agrl. Econ., U. S. Dept. Agr., and prof. farm manag., Univ. Ark., Fayetteville, Ark.

Supt. Exp. Farm, Southern Pines, ., 1901-3; assoc. ed., Tex. Farm and Ranch, 1906-7; agrst., U. S. Dept. Agr., 1908-; prof. farm manag., Univ. Ark., 1920-. —*b.* Dansville, N. Y., Oct. 18, 1866; *s.* David and Alice (McNair) M.; reared on farm; *m.* Georgie S. Stevens, Oct. 17, 1900; *c.* Alice. Student Univ. Minn., 3 yrs.

McNall, Preston Essex, assoc. prof. agrl. econ., Univ. Wis., Madison, Wis.

Farm manag. ext., Kans. State Agr. Coll., 1914-8; present position, 1920-. —*b.* Gaylord, Kans., Feb. 1, 1888; *s.* Webb and Christina Adell (Woodward) M.; reared on farm; *m.* Eugenia Fairman, 1921; *c.* Preston Essex Jr. B.S.A., Kans. State Agr. Coll., 1919; M.S.A.. 1914.

McNamara, Homer C., asst. agron., Bur. Plant Ind. and supt. U. S. Cotton Breeding Sta., Greenville, Tex.

Supt. Lamao Exp. Sta., P. I., 1914-5; supt. La Carlota Exp. Sta., 1915-6; present position, 1919-. —*b.* Nortonville, Kans., June 7, 1890; *s.* Jas. C .and Martha J. (Rodgers) M.; reared on farm; *m.* Marjorie Dilworth, Jan. 3, 1920; *c.* Homer C. Jr. B.S.A., Kans. State Agr. Coll., 1914. Gamma Sigma Delta.

McNeal, Nancy Hill: see Roman, Nancy McNeal.

McNeal, Thomas Allen, ed. Kansas Farmer and Mail and Breeze, Topeka, Kans.

Ed. Medicine Lodge Cresset, 1879-84; established Kansas Breeze, 1894. Mem. Kans. Legislature, 1885-7; mayor Medicine Lodge, 1890; governor's sec., 1905; state printer, Kans., 1905-11; mem. State Text Book Comn. *Auth.*: Tom McNeal's Fables, 1900. —*b.* Marion Co., O., Oct. 14, 1853; *s.* Allen and Rachel (Brownlee) M.; reared on farm; *m.* Anna Belle McPherson, Aug. 26, 1884. Student O. Central, Oberlin Coll., Hillsdale Coll.

McNeil, Alex, co. agrl. agt., Madisonville, Tenn.

b. Johnson City, Tenn., Aug. 28, 1893; *s.* Jas. P. and Julie (Rersinger) M.; reared on farm; *m.* Mary Davis Estill, Jan. 3, 1918; *c.* Juliette. Student Univ. Tenn., 1914-7. Kappa Sigma.

McNeil, John H., chief Bur. An. Ind., Dept. Agr., Trenton, N. J.

Resident surg., Vet. Hospital, Univ. Penn., 1898-9; vet. insp., Dept. Agr., Buffalo, N. Y., 1899-1900; field vet., quarantine div., Bur. An. Ind., Salt Lake City, 1899-1900; dean vet. div., vet. Exp. Sta., and prof. anat., surg. and theory and practice of diseases of domesticated animals, Ia. State Coll., 1900-8; prof. surg. and obstetrics, Ohio State Univ., 1908-12; vet., Brazil Land, Cattle and Packing Co., Sao Paulo, Brazil, 1912-7; present position, 1917-. —*b.* Bowen, Ill., Jan. 9, 1870; *s.* Archibald Elliott and Mary (Hutchinson) M.; reared in town and on farm; *m.* Lucile Link, Sept. 16, 1908. V.M.D., Univ. Penn., 1898.

McNelly, Chester LeRoy, co. agrl. agt., Preston, Minn.

Instr. agr., high-sch., 5 yrs. (Dairying, live-stock, coop. marketing). —*b.* Portland, Minn., June 12, 1883; *s.* Wm. E. and Samantha (Wright) M.; reared on farm; *m.* Florence J. Hibbard, Dec. 28, 1910; *c.* Gertrude, Chester, Frederick. Grad. Univ. Minn. Alpha Zeta.

McNown, Mark Freeman, prof. an. husb., La Crosse Co. Sch. Agr., Onalaska, Wis.

Supt. and dir. agr., consolidated sch., Tintah, Minn., 1912-5; dairy tester, Univ. Wis., 1915-6; farmer, 1916; instr. agr., high-sch., Brainerd, Minn., 1917; agt. Clayton Co., Ia., 1918-20; present position, 1921-. —*b.* Mauston, Wis., May 27, 1886; *s.* Henry and Cornelia (Curtis) M.; reared on farm. B.S., Univ. Wis., 1912.

McNutt, Howard A. co. agrl. agt., Watford City, N. D.

Teach. voc. sch., Janesville, Wis., 1 yr.; head engin. dept. La Crosse Co. Sch. Agr., 6 yrs.; agrl. agt. McKenzie Co., N. D., 1924-. —*b.* Hortonville, Wis., Apr. 19, 1890; *s.* Wm. and Anna (Barclay) M.; reared on farm; *m.* Ona Hardacker, Jan. 27, 1919; *c.* Jas. Hardacker, John Howard, Jerry Hermon. Grad. State Normal Sch., Oshkosh, Wis.; student Univ. Tex., Univ. Wis.

McNutt, John Chester, prof. an. husb., Univ. N. H., Durham, N. H.

Farm manag., 1907; asst. prof. an. husb., N. H. Coll., 1908-10; prof. an. husb. and dairying, N. C. State Coll., 1910-6; prof. an. husb., Mass. Agr. Coll., 1916-20; eastern field rep. Amer. Shorthorn Breeders Assoc., 1920-1; present position, 1921-. Capt. Sanitary Corps, O. R. C. Traveled in Europe. —*b.* Ashtabula, O., July 22, 1881; *s.* Lindsey B. and Mary Jane (Brocklehurst) M.; reared on farm; *m.* Edith Huntington, Aug. 28, 1907; *c.* Mary E. B.S.A., Ohio State Univ., 1907. Alpha Zeta; Alpha Tau Omega.

McNutt, Matthew Brown, minister, lect., farmer and dairyman, Wooster, O.

Teach. distr. sch., 3 yrs.; princ. public schs., 2 yrs.; pastor Presbyterian Church, Du Page, Ill., 12 yrs.; field sec. Presbyterian Bd. Home Missions, 1912-22. (Country-life problems). —*b.* Leatherwood, Pa., Mar. 18, 1869; *s.* Matthew and Mary (Kirkpatrick) M.; reared on farm; *m.* Eliza Gertrude Rogers, June 25, 1902; *c.* Malcolm Rogers, Wilfrid Daniel, Mary Elizabeth. Mast. of Elements, Clarion State Normal, 1892; B.A., Drake Univ., 1897; B.D., McCormick Theol. Sem., 1900.

McPhee, Hugh Curtis, assoc. an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Princ. E. Corinth Acad., Me., 1918-9; sci. aid, Me. Exp. Sta., 1919-20; present position, 1923-. Served in U. S. Field Art., 1918. (Genetics). —*b.* Hastings, Me., Dec. 3, 1896; *s.* John and Jennie A. (MacMillan) M.; reared on farm; *m.* Dorris L. Leach, July 1923. B.S., Univ. Me., 1918; M.S., 1921; Harvard Univ., 1922; D.Sc., 1923. Phi Kappa Phi; Alpha Zeta.

McPheeters, Archibald Allen, co. agrl. agt., Faribault, Minn.

Dir. agr., public schs., Two Harbors, Minn., 1912-4; dir. agr., high-sch., Hastings, 1915-6; agt. Logan Co., Okla., 1916-7; agt. Dakota Co., Minn., 1917-9; Rice Co., 1919-. (Dairying). —*b.* Bates Co., Mo., Mar. 30, 1890; *s.* Thos. R. and Margaret Elizabeth (Hunter) M.; reared on farm; *m.* L. B. Johnson, June 14, 1916; *c.* A. A. Jr. B.S., Okla. A. & M. Coll., 1912.

McSparran, John Aldus, farmer, Furniss, Pa.

Past master Pa. State Grange. —*b.* Furniss, Pa., Oct. 22, 1873; *s.* Jas. G. and Sara M. (Collins) M.; reared on farm; *m.* Bettie Harrison Goodwyn, Dec. 31, 1902; *c.* Sarah Margaret, Lacy Isabelle, Chas. Goodwyn, John Collins. Ph.B., Lafayette Coll., 1893.

McSwain, Horace Edison, co. agrl. agt., Charlotte C. H., Va.

Supt. farm and for., Pine Mt. Settlement Sch., Ky., 1913-4; formerly co. agrl. agt., Vanceburg, Ky. —*b.* Earl, N. C., Mar. 6, 1891; *s.* D. Floyd and Nazy (Sepaugh) M.; reared on farm; *m.* Mary A. Clayton, Apr. 6, 1915; *c.* Horace Clayton, Floyd Wm. Grad. Berea Coll., Ky., 1913.

McTaggart, Alexander, asst. prof. agron., Macdonald Coll., Montreal, Que.

With New Zeal. Dept. Agr., 1901-8; agrst., New Zeal., 1913-9; asst. agron. Cornell Univ., 1919-22; present position, 1922-. Served in New Zeal. Army in World War. —*b* Waimate, S. Canterbury, New Zeal., Apr. 13, 1883; *s.* John and Christena (McPhail) M.; reared in town and on farm. B.S.A., Toronto Univ., 1912; M.S.A., Cornell Univ., 1913; Ph.D., 1921. Sigma Xi.

McVey, Frank LeRand, pres. Univ. Ky., Lexington, Ky.

Prof. econ., Univ. Minn., 1896-1907; chm. Minn. Tax Comn., 1907-9; pres. Univ. N. D., 1909-17; present position, 1917-. Chm. Nat. Conference Marketing and Farm Credits, 1912-5; pres. Amer. Assoc. Agrl. Legislation. Rep. U. S. Bur. Educ. at British Univ. Conference, 1912; mem. State Board Educ., N. D., 1909-15; mem. State Board Voc. Educ., Ky., 1918-; mem. State Text Book Comn., 1922-; sec. Nat. Assoc. State Universities, 1915-23, pres. 1923. *Auth.*: Modern Industrialism, 1904, 1923; Railroad Transportation, 1910; Making of a Town, 1913; Financial History Great Britain, 1914-5. —*b.* Wilmington, O., Nov. 10, 1869; *s.* Alfred Henry and Anna (Holmes) M.; reared in city; *m.* Mabel Moore Sawyer, Sept. 21, 1898; *c.* Virginia, Frank Jr., Janet. A.B., Ohio Wesleyan, 1893; Ph.D., Yale Univ., 1895; LL.D., Ohio Wesleyan, 1910, Ala. Univ., 1919. Phi Gamma Delta.

McWhorter, Frank Paden, plant path., Va. Truck Exp. Sta., Norfolk, Va.

Prof. bot. and acting head dept. plant path., Univ. Philippines, 1921-3. —*b.* Nashville, Tenn., Apr. 20, 1896; *s.* Jas. Lee and Jessie M. (Paden) M.; reared in city and country; *m.* Margaret Myers, Dec. 29, 1922. B.S., Vanderbilt Univ., 1917; M.S., Univ. Chicago, 1920. Gamma Alpha.

McWhorter, Ovid Tullius, co. agrl. agt., Hillsboro, Ore.

Agrst., State Training Sch., Chehalis, Wash., 1912-4; instr. agr., high-sch., Snohomish, Wash., 1914-15; agrl. agt., Clallam and Jefferson Cos., 1915-8; agrl. agt., Grays Harbor Co., 1918. Food Adminis. Jefferson Co., 1918. —*b.* Berlin, W. Va., Mar. 3, 1884; *s.* Lucullus Virgil and Ardelia (Swisher) M.; reared on farm; *m.* Bertha Leone Heffner, Nov. 26, 1915; *c.* Lois Anne, Doris Mae. B.S., Wash. State Coll., 1912. Alpha Zeta.

McWilliams, Carl K., teach. voc. agr. and princ. Honey Creek township schs., R. R. B, Terre Haute, Ind.

b. Odon, Ind., Nov. 30, 1889; *s.* Geo. B. and Margaret (Killion) M.; reared in town; *m.* Marguerite Lewis, Jan. 20, 1914; *c.* Carlton Lewis. B.S.A., Purdue Univ., 1913. Kappa Sigma.

McWilliams, Howard C., co. agrl. agt., Ebensburg, Pa.

Farm supt., Va. Fruit Corp. Farms, 1911-4. Pres. Pa. State Assoc. Co. Agts., 1921; sec.-treas. Nat. Assoc. Co. Agts., 1921-2. (Fruit-growing and potatoes). —*b.* Elysburg, Pa., Feb. 10, 1887; *s.* Clifton C. and Georgia (Jefferis) M.; reared on farm; *m.* Julia Williams Jones, Aug. 12, 1914; *c.* Chas. Jay, Howard Clifton, Philip Jefferis. B.S.A., Penn. State Coll., 1911. Alpha Zeta.

McWilliams, Ralph Caldwell, co. agrl. agt., St. Albans, Vt.

b. Elysburg, Pa., Aug. 25, 1894; *s.* C. C. and Georgianna (Jefferies) M.; reared on farm; *m.* Pearl Grant, Nov. 23, 1921; *c.* Anna Elizabeth. B.S., Penn. State Coll., 1917.

Mead, Elwood, comnr., U S. Bur. Reclamation, Dept. Interior, Washington, D. C.

Prof. irrig. engin., Colo. Agr. Coll., 1883-8; state engin., Wyo., 1888-98; chief irrig. invest., U. S. Dept. Agr. and prof. irrig. institutions, Univ. Calif., 1898-1907; chm. State Water Comn., Victoria, Australia, 1907-15; chm. State Land Settlement Bd. of Calif., 1915-23; prof. rural institutions, Univ. Calif., 1915-23; present position, 1924-. Contr. to Book of Rural Life. —*b.* Patriot, Ind., Jan. 16, 1858; *s.* Daniel and Lucinda (Davis) M.; reared on farm. B.S., Purdue Univ., 1882; C.E., Ia. State Coll., 1883; D.Engin., Purdue Univ., 1904.

Mead, George Eugene, farmer, fruit-grower, consulting hort., Cantonment, Fla.

Stockman and farmer, Mont., 1897-1903; supt. Minneapolis Cereal Mills, 1905-12; farmer, Escambria Co., Fla., 1912-; state live-stock insp. tick eradication, 1915-7; agrl. agt. Washington and Bay Cos., 1917-21. Sec.-treas. Nat. Farm Loan Assoc., Escambria Co. Traveled W. Indies, Europe, Africa, Asia, Philippines, etc., 1903-5. —*b.* Winona, Minn., July 21, 1881; *s.* Egbert Scudder and Emma (Rathman) M.; reared in city; *m.* Christine Helen Johnson, June 27, 1906; *c.* Geo. Egbert, Eugene Leroy, John Paul. Grad. Winona State Normal, 1897.

Meade, De Voe, prof. an. husb. and head dept., Univ. Md., College Park, Md.

Agrst., agrl. high-sch., Hector, Minn., 1911-2; chg. dairy and an. husb. dept., N. Y. State Sch. Agr., Alfred, 1912-4; instr. an. husb., Cornell Univ., 1914-8; present position, 1918-. —*b.* Clyde, N. Y., Aug. 26, 1886; *s.* Jas. Henry and Stella May (De Voe) M.; reared in town and country; *m.* Mary Florence Kepler, June 11, 1913; *c.* De Voe Kepler, Forest Chauncey. B.S., Penn. State Coll., 1911; Ph.D., Cornell Univ., 1918. Alpha Zeta; Phi Kappa Phi.

Meadows, William Ransom, cotton registrar, Chicago Bd. of Trade, Chicago, Ill.

Dir. Miss. Textile Sch., 1905-10; asst. prof. carding and spinning, Clemson Agr. Coll., 1912-3; cotton tech., U. S. Dept. Agr., 1913-6, 1919-24; cotton salesman mostly at Milan, Italy, 1916-9; asst. chief textile div., Bur. Foreign & Domestic Commerce, U. S. Dept. Commerce, 1924; assisted in establishing cotton market on Chicago Bd. of Trade in 1924. Sent by U. S. Dept. Agr. to Europe in 1914 and 1921 to advocate the establishment of 'universal standards for Amer. cotton. —*b.* Lowndesboro, Ala., June 20, 1875; *s.* Ransom and Clara (Howard) M.; reared on farm and in small town; *m.* Margaret Burke, Sept. 4, 1919. A.B., Howard Coll., Birmingham, Ala., 1894; B.S., Univ. Chicago, 1902; grad. Lowell, Mass., Textile Sch., 1904.

Meal, William Guy, co. club agt., 158 E. State St., Ithaca, N. Y.

b. Lockport, N. Y., Apr. 16, 1900; *s.* Wm. Henry and Mertie Mae (Ner-

ber) M.; reared on farm; *m.* Myrtle Eleanor Inman, July 25, 1923; *c.* Wm. G. Jr. B.S., Cornell Univ., 1923. Alpha Zeta; Phi Kappa Phi.

Means, Thomas Herbert, agrl. engin., 369 Pine St., San Francisco, Calif.

With U. S. Dept. Agr., 9 yrs.; in U. S. Reclamation Serv., 6 yrs. Agrl. explorer for U. S. Dept. Agr. in Algeria, Tunis and Egypt, 1902. Private engin. practice, 1910-. (Irrig., reclamation, drainage). —*b.* Waterford, Va., Nov. 15, 1875; *s.* Samuel C. and Rachel Ann (Bond) M.; reared in town; *m.* Constance Adams, Nov. 6, 1900; *c.* Alice Adams, Thos. Moore. B.S., Columbian (now Geo. Washington) Univ., 1898; M.S., 1903.

Mecham, Loren Everett, teach. voc. agr., high-sch., Sykeston, N. D.

Farmer, 1919-23; present position, 1923-. Served in Inf., U. S. Army, 1917-9. (Rural econ.). —*b.* Mayon, Ill., Dec. 12, 1897; *s.* Marion and Nellie (Steinberger) M.; reared on farm. B.S., N. D. Agr. Coll., 1924. Theta Chi.

Meckel, Frank Alexander, farm engin. ed., Capper Farm Press, 1013 Oregon Ave., Cleveland, O.

Agrl. engin. ext. specialist, Univ. Mo., 1918-20; present position, 1920-. —*b.* Cleveland, O., Aug. 15, 1894; *s.* Frank and Lillia (Hofheins) M.; reared in city and country; *m.* Ruth Dawson Nowell, Sept. 4, 1920; *c.* Martha Jean. B.S.A., Ohio State Univ., 1916. Pi Rho Phi.

Meckstroth, Gustav Adolph, asst. plant path., Bur. Plant Ind., U. S. Dept. Agr., Box 747, Greeley, Colo.

Asst. bot. and plant path., Penn. State Coll., 1916-7; sci. asst. plant path., U. S. Dept. Agr., 1917-21; asst. path., 1921-. (Diseases of beans and potatoes). —*b.* New Knoxville, O., Aug. 10, 1889; *s.* Chas. A. and Anna (Lammers) M.; reared on farm; *m.* Iphigenia Burrows, Aug. 23, 1923. B.A., Ohio State Univ., 1914; M.A., 1915. Sigma Xi.

Medlar, Arthur Walton, asst. prof. rural econ., Univ. Neb., Lincoln, Neb.

Instr. sci. and math., Gates Acad., 1906-10; acting princ., 1911-3; instr., Sch. Agr., Univ. Neb., 1913-5; farmer, 1915-8; present position, 1918-. —*b.* near Ohiowa, Neb., Feb. 20, 1876; *s.* Edgar Fearer and Martha Jane (Garrison) M.; reared on farm; *m.* Lucy Rice Fiske, July 12, 1911; *c.* Margaret Fiske, Faith Boutelle. S.B., Doane Coll., 1906; A.M., Univ. Neb., 1915. Gamma Sigma Delta.

Meek, Joseph Henry, dir. Va. State Div. Markets, Richmond, Va.

Princ. high-sch., Stephen City, Va., 1912-3; Dinwiddie, 1913-7; agrl. agt. Pulaski Co., 1917-20; present position, 1920-. Pres. Dinwiddie Co. Teach. Assoc., 1913-7. —*b.* Rural Retreat, Va., Feb. 22, 1890; *s.* Chas. J. and Mollie E. (Buck) M.; reared on farm. A.B., Roanoke Coll., Salem, Va.; grad. student Univ. Wis.

Meeks, James Riley, co. agrl. agt., Rockville, Ind.

Asst. prof. an. husb., N. Mex. A. & M. Coll., 1914-7; asst. prof. in chg. dairy dept., 1917-8; co. agt., 1918-. —*b.* Thorntown, Ind., Mar. 15, 1890; *s.* Howard and Rosie (Riley) M.; reared on farm; *m.* Olive Woody, Aug. 17, 1915; *c.* Mary Elizabeth. B.S.A., Purdue Univ., 1914.

Megee, Clive R., assoc. prof. farm crops and res. assoc. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Teach. agr., Mo. Wesleyan Coll., 1915-7; present position, 1917-. —*b.* Nelson, Mo., Oct. 24, 1890; *s.* John W. and Addie (Austin) M.; reared on farm; *m.* Cleo Johnson, June 20, 1917; *c.* Nancy Jane. B.S.A., Univ. Mo., 1914; A.M., 1916. Phi Sigma.

Mehl, Joseph Martin, grain exchange superv., Grain Futures Adminis., U. S. Dept. Agr., Chicago, Ill.

Manag. Farmers Coop. Grain Elevator Co., Garwin, Ia., 1909-12; Story City, 1912-7; invest. in coop. organization, Bur. Markets, U. S. Dept. Agr., 1917-21; asst. to pres. U. S. Grain Growers, Inc., 1921; exec.-sec., 1922-3; present position, 1924-. —*b.* Douglas Co., Ill., Sept. 9, 1886; *s.* Iver John-

son and Julia (Hanson) M.; reared on farm; *m.* Lenora Evelina Charlson, Jan. 6, 1911; *c.* Joseph Martin, Charlson Iver. Admitted to Bar of Ia., 1916; LL.M., Georgetown Univ., 1919.

Mehl, Paul, agrl. econ., U. S. Dept. Agr., Grain Futures Adminis., 530 N. Le Claire Ave., Chicago, Ill.

Buyer of produce for M. D. Dobson, Boise, Ida., 1910-1; serviceman export dept., Western Electric Co., Hawthorne, Ill., 1916; marketing specialist, Ore. Agr. Coll., 1919-21; Conn. Agr. Coll., 1921-4; vice-pres. Pomeroy, Duncan & Mehl, Inc., 1921-24; present position, 1924-. Served in U. S. Navy, World War. —*b.* Chicago, Ill., Nov. 13, 1889; *s.* John and Dina (Hage) M.; reared in town. B.S., Ore. Agr. Coll., 1915; M.S., Univ. Wis., 1918.

Mehring, Arnon Lewis, asst. chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Chem. laboratorian, Meat Insp. Lab., 1920-2; present position, 1922-. Abstractor Chemical Abstracts, 1923-. (Fert.). —*b.* Littlestown, Pa., Apr. 11, 1892; *s.* Levi Daniel and Mary Elizabeth (Slifer) M.; reared in town; *m.* Estelle Miriam Ryder, Sept. 1910; *c.* Dorothea L., Arnon L. Jr., Mildred B. A.B., Geo. Washington Univ., 1922.

Meier, Fred Campbell, ext. plant path., U. S. Dept. Agr., Washington, D. C.

Austin teaching fellow, Harvard Univ., 1916-8; asst. path., Bur. Plant Ind., 1918-9; path., Bur. Agrl. Econ., 1919-21; path., Bur. Plant Ind., 1921-2; ext. path., Off. Coop. Ext., 1922-. —*b.* Riggston, Ill., Apr. 5, 1893; *s.* W. H. D. and Lizzie B. (Campbell) M.; reared in town; *m.* Agnes W. Eastman, Oct. 23, 1920. B.S., Harvard Univ., 1916; A.M., 1917.

Meigs, Edward Browning, physiologist, Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Asst. physiol., Univ. Penn., 1904-6; instr., Harvard Med. Sch., 1907-10; fellow in physiol., Wistar Inst., Philadelphia, 1910-5; present position, 1915-. —*b.* Philadelphia, Pa., Sept. 10, 1879; *s.* Arthur Vincent and Mary Roberts (Browning) M.; reared in city; *m.* Margaret Wister, 1910; *c.* Arthur Vincent, John Wister, Sarah Tyler, Mary Roberts. A.B., Princeton Univ., 1900; M.D., Univ. Penn., 1904.

Melander, Axel Leonard, prof. ent., Wash. State Coll., Pullman, Wash.

Instr. ent., Wash. State Coll., 1904-6; prof., 1906-; head dept. zool., 1907-; asst. ent., Wash. Exp. Sta., 1904-6; ent., 1906-. Fellow A. A. A. S.; fellow Ent. Soc. Amer. and vice-pres., 1916. *Auth.*: (with Brues) Key to Families of North American Insects, 1915. *Assoc. ed.,* Better Fruit; Psyche. (Diptera, codlin-moth, San Jose scale sprays). —*b.* Chicago, Ill., June 3, 1878; *s.* Silas P. and Eda Mathilda (Bjork) M.; reared in city; *m.* Mabel Evans, Mar. 3, 1903; *c.* Chas. Lewis, Ivar Evans. B.S., Univ. Tex., 1901; M.S., 1902; Sc.D., Harvard Univ., 1914. Sigma Xi; Phi Kappa Phi.

Melchers, Leo Edward, head dept. bot. and plant path., Kans. State Agr. Coll., Manhattan, Kans.

Asst. hort. ext. schs., O., 1912; asst. bot., Ohio Agr. Exp. Sta., 1912-3; asst. plant path., Kans. Exp. Sta., 1913-5; instr. bot., 1915; collaborator cereal invests., U. S. Dept. Agr., 1916; asst. prof. bot., Kans. State Agr. Coll., 1916-8; assoc. prof., acting head dept. and state plant path., 1918; prof. plant path. and head of dept., 1919-. —*b.* Toledo, O., Aug. 1, 1887; *s.* Edward and Florentine (Laurer) M.; reared in city; *m.* Ivo M. Lewis, May 18, 1916. B.S., Ohio State Univ., 1912; M.Sc., 1913. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi; Alpha Zeta.

Melhus, Irving E., prof. plant path., Ia. State Coll., Ames, Ia.

Plant path., Bur. Plant Ind., 1911-5; present position, 1916-. —*b.* Creston, Ill., Apr. 2, 1880; *s.* Ole and Ida (Enger) M.; reared on farm; *m.* Elizabeth Williamson, 1907; *c.* Sarah, Janet. B.S., Ia. State Coll., 1906; Ph.D., Univ. Wis. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi; Alpha Tau Omega.

Mellencamp, Burton C., co. agrl. agt., Boyne City, Mich.

b. Grass Lake, Mich., July 2, 1900; *s.* Henry B. and Maimie (Bunnell) M.; reared on farm. B.S., Mich. Agr. Coll., 1922. Alpha Zeta.

Mellette, Russell Ramsey, teach. agr. and supt. high-sch., North, S. C.

Asst. sec. Gaffney Chamber of Commerce, S. C., 1917; asst. agrl. agt. Cherokee Co., 1917; present position, 1922-. Lieut. Inf., U. S. Army, World War. —*b.* Sumter, S. C., Sept. 6, 1895; *s.* Soule and Leila (Ramsey) M.; reared on farm; *m.* Lucile Gunter, June 1, 1923. B.S., Clemson Agr. Coll., 1916.

Melton, Leroy, nat. pres. Farmers Equity Union, Greenville, Ill.

Dir. commercial dept., Westfield Coll., 1905-8; dir. Sch. Commercial Sci., Greenville Coll., 1908-18; nat. sec. Farmers Equity Union, 1918-22; pres., 1922-; ed. Equity Union Exchange, 1919-. —*b.* near Westfield, Ill., Jan. 24, 1881; *s.* Benj. A. and Sarah A. (Farris) M.; reared on farm; *m.* E. Leona Ferguson, Feb. 2, 1902; *c.* Ethel Adine, Chas. O., Ralph A. B.C.S., Greenville Coll., 1904; B.B.A., 1917.

Melvin, Robert Tolar, field serv., N. C. Cotton Growers Coop. Assoc., Raleigh, N. C.

Formerly co. agrl. agt., Burgaw, N. C. —*b.* White Oak, N. C.; *s.* Robt. A. and Varina Davis (Singletary) M.; reared on farm; *m.* Nina Boone, June 19, 1915; *c.* Mary Louise, Robert T. Jr., Virginia Greenwood. B.S.A., N. C. State Coll., 1913. Alpha Zeta.

Mendelson, Hans, consulting agrst., Great Western Sugar Co., 409 Sugar Bldg., Denver, Colo.

Chief chem., sugar factories, to 1909; in chg. beet breeding and agrl. expl. work, Great Western Sugar Co., 1910-5; consulting agrst., 1915-. (Sugar-beets and beet seed). —*b.* Germany, Oct. 30, 1871 (naturalized 1905); *s.* Max and Hedwig (Greinert) M.; reared in village; *m.* Ethel Morrison, June, 1909. Grad. Univ. Tubingen, Germany, 1892.

Mendenhall, Dean Warner, co. agrl. agt., Lusk, Wyo.

Teach. agr., high-sch., Barnesville, Minn., 1914-6; Maddock, N. D., 1917; co. agrl. agt., Glendive, Mont., 1917-22; Lusk, Wyo., 1923-. —*b.* W. Middleton, Ind., June 21, 1888; *s.* Simeon W. and Elizabeth (Johnson) M.; reared on farm; *m.* Esther Vera Seaman, May 26, 1917. B.S.A., N. D. Agr. Coll., 1914.

Mendum, Samuel Weis, assoc. econ. analyst, U. S. Dept. Agr., Washington, D. C.

Farm accountant for dairy corp., 1913-5; farm manag., N. J., 1916-7; instr. agrl. econ., Univ. Wis., 1918-21; jr. econ., U. S. Dept. Agr., 1921-4; assoc. agrl. econ., 1924-5; assoc. econ. analyst, 1925-; manuscript reviewer, Bur. Agrl. Econ., 1923-; ed. Crops and Markets, 1923-. —*b.* Boston, Mass., Aug. 17, 1888; *s.* Frank Willis and Mary Blake (Weis) M.; *m.* Catherine Reel Hawley, June 28, 1924. B.S., Mass. Agr. Coll. and Boston Univ., 1910; M.S., Univ. Wis., 1913. Theta Chi; Phi Kappa Phi.

Mensching, James Ellsworth, assoc. agron., N. Y. State Exp. Sta., Geneva, N. Y.

Asst. nutr., Ohio Exp. Sta., 1911-3; Pa. Inst. Nutr., 1915-7; present position, 1917-. (Chem.). —*b.* Orrville, O., Nov. 30, 1886; *s.* John and Sophronia (Orr) M.; reared on farm; *m.* L. Ethel Emrick, Aug. 9, 1913; *c.* Jas. E. Jr. B.S., Ohio State Univ., 1915.

Merchant, Allen S., agrst., D. L. & W. Railroad, Binghamton, N. Y.

Farm manag., 12 yrs.; co. agrl. agt., 1915-20. —*b.* Warsaw, N. Y., June 16, 1878; *s.* Wesley and Alice (Howes) M.; reared on farm; *m.* Sarah Whittaker, Oct. 6, 1903; *c.* Wilbur W. B.Sc., Rutgers Coll., 1903; M.Sc., 1907.

Merchant, Charles Henry, prof. agrl. econ. and farm manag., Univ. Me., Orono, Me.

Instr. agrl. econ. and farm manag., Cornell Univ., 1922-3; acting prof. in chg. dept. agrl. econ. and farm manag., Utah Agr. Coll., 1923-4; present position, 1924-. —*b.* W. Monroe, N. Y.,

Mar. 28, 1897; *s.* Omar H. and Lydia (Wood) M.; reared on farm; *m.* Katherine C. McAllister, Dec. 31, 1924. B.S., Cornell Univ., 1920; M.S., 1922. Phi Kappa Phi.

Mercier, William Benjamin, asst. dir. coop. ext. work, La. State Univ., Baton Rouge, La.

Farm manag., La. State Exp. Sta., 1892-5; farmer, Miss., 1895-1909; agrst. and field agt., U. S. Dept. Agr., 1909-23; present position, 1923-. First Lieut. Miss. Nat. Guards. *Co.-auth.*: Knapp Method of Growing Cotton, 1913. (Agron.). —*b.* Summit, Miss., Sept. 6, 1868; *s.* Geo. W. and Sarah F. (Lane) M.; reared on farm; *m.* Cora E. Spikes, Sept. 20, 1893; *c.* Florence Sinclair, Eva Augusta. B.S., Miss. A. & M. Coll., 1892.

Meredith, Edwin Thomas, agrl. pub., 1714 Locust St., Des Moines, Ia.

Pub. Farmers' Tribune, 1896-1902; Successful Farming, 1902-; The Dairy Farmer, 1922-. Del. at Large, Dem. Nat. Convention, 1916; Sec. Agr., 1920-1. Dir. Chicago Fed. Reserve Bank; dir. U. S. Chamber Commerce. Mem. Excess Profits Bd., U. S. Treasury Dept.; mem. Amer. Mission to Great Britain and France, 1918; mem. Ind. Conference, Washington, 1919; pres. Associated Advertising Clubs of World. —*b.* Avoca, Ia., Dec. 23, 1876; *s.* T. O. and Minerva J. (Marsh) M.; reared on farm and in town; *m.* Edna C. Elliott, Jan. 8, 1896; *c.* Mildred Marie, Edwin T. Jr. B.S., Highland Park Coll., Des Moines.

Merkle, Fred Grover, assoc. prof. soil tech., Penn. State Coll., State College, Pa.

Student asst. and instr., Mass. Agr. Coll., 1914-9; present position, 1919-. —*b.* Detroit, Mich., Mar. 25, 1892; *s.* E. F. and Elizabeth M.; reared on farm; *m.* Rose Vernon Walker, June 12, 1923; *c.* Rose Elizabeth. B.S., Mass. Agr. Coll., 1914; M.S., 1917.

Merriam, Leslie Joseph, co. agrl. agt., Elkhorn, Wis.

Stockman and poultryman, Oxford, N. Y., 1916-8; princ. jr. high-sch., Concord, Vt., 1918-9; co agrl. agt., Sutton, W. Va., 1919-20; present position, 1920-. —*b.* Darlington, Wis., June 30, 1893; *s.* Geo. B. and Amy (Jenks) M.; reared on farm; *m.* Marion L. Chambers, Sept. 7, 1916; *c.* Rodger Leslie, Gerald Beecher, Austin Aubrey. B.S., Univ. Wis., 1916.

Merriam, Theodore Howard, prof. agr., Rio Grande Coll., Rio Grande, O.

b. LaGrange, Ill., June 6, 1899; *s.* Theodore Hovey and Josephine (Howard) M.; reared in town; *m.* Lola B. Clark, Feb. 21, 1924. B.S., Univ. Ill., 1923. Delta Upsilon; Alpha Tau Alpha.

Merrifield, Arch Stewart, ed. Farm Machinery and Hardware, 5931 Kingsbury Ave., St. Louis, Mo.

Merchant in farm equipment store, 10 yrs.; advertising manag. Farm Machinery and Hardware; pres. Midland Pub. Co. Asst. sec. Mich. State Senate, 1912-3. —*b.* Coloma, Mich., Feb. 2. 1884; *s.* Chas. T. and Lucia (Stewart) M.; reared in town; *m.* Lu-Verne Wiggins, Sept. 5, 1912.

Merrill, Arthur R., ext. dairy specialist. Conn. Agr. Coll., Storrs, Conn.

Head agron. and dairy dept., Baron de Hirsch Agrl. Sch., Woodbine, N. J., 1904-7; farmer, Holliston, Mass., 1907-10; dir. Vail Agrl. Sch., Lyndon Center, Vt., 1910-6; supt. Baron de Hirsch Agrl. Sch., 1916-20; supt. Balsam Stock Farm, Dixsville Notch, N. H., 1920-1; present position, 1921-. —*b.* E. Waterford, Me., May 15, 1877; *s.* David L. and Antoinette (Johnson) M.; reared on farm; *m.* Phoebe E. Stone, Dec. 26, 1904; *c.* John A., Howard A., Phoebe E. B.S.A., N. H. State Coll., 1904. Kappa Sigma; Alpha Zeta.

Merrill, Earl Dewight, co. agrl. agt., 25 Exchange St., Rochester, N. Y.

Served in A. E. F., 1917-9. —*b.* Lamartine, Wis., Aug. 3, 1895; *s.* L. F. and Mary (Hartman) M.; reared on farm; *m.* Elsie F. Merrill, June 29, 1921; *c.* Jean F. B.S.A., Cornell Univ., 1921.

Merrill, Elmer Drew, dean Coll. Agr. and dir. Exp. Sta., Univ. Calif., Berkeley, Calif.

Asst. nat. sci., Univ. Me., 1898-9; asst. agrostologist, U. S. Dept. Agr., 1899-1902; bot., Bur. Agr., Manila, P. I., 1902-23; prof. bot., Univ. Philippines, 1912-8; dir. Bur. Sci., 1919-23; asst. ed. Philippine Journal of Science, 1906-19, ed., 1919-23; present position, 1923-. Fellow A. A. A. S.; mem. Amer. Acad. Arts and Sci.; mem. Nat. Acad. Sci. Del. to Pan Pacific Sci. Congress, Honolulu, 1920; Sydney and Melbourne, 1923. *Auth.*: A Flora of Manila, 1912: An Interpretation of Rumphius' Herbarium Amboinense, 1917; Species Blancoanae, 1918; Enumeration of Bornean Plants, 1921; Enumeration of Philippine Plants, 1923. —*b.* Auburn, Me., Oct. 15, 1876; *s.* Daniel C. and Mary Adelaide (Noyes) M.; reared in town and on farm; *m.* Mary Augusta Sperry, May 1907; *c.* Lynne, Dudley, Anne. B.S., Univ. Me., 1898; M.S., 1904. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Alpha Zeta; Phi Kappa Sigma.

Merrill, Fred Sawyer, fruit-grower, R. F. D. 4, St. Joseph, Mo.

Asst. prof. hort., Kans. State Agr. Coll., 1912-8; commercial orchardist, 1918-; lect., Univ. Mo., winter 1924-5. —*b.* Danvers, Mass., Feb. 20, 1889; *s.* Joseph and Mary Frances (Sawyer) M.; reared in town; *m.* Alfhild Marie Dahl, July 14, 1915; *c.* Roger Dahl, Fred Eugene, Mildred Josephine. B.S., Mass. Agr. Coll., 1912. Alpha Sigma Phi; Gamma Sigma Delta; Acacia.

Merrill, Frederick Augustus, agrl. specialist, U. S. Dept. Agr., Washington, D. C.

Teach. common schs., Ga.; prof. sci., Union Baptist Inst., Mt. Vernon, Ga., 1906-8; prof. geography and nature-study, State Normal Sch., Athens, 1908-14; prof. rural econ. and sociol., 1914-8; head dept. geography, Univ. Ga. Summer Sch., 1906-15; prof. geography, Summer Sch. of the South, Univ. Tenn., 1915-; prof. rural educ., Johns Hopkins Univ., 1917; dir. for southern states, U. S. Sch. Garden Army, Bur. Educ., 1918-20; present position, 1920-. *Auth.*: What to Teach in Nature-Study, 1909; Field and Laboratory Note Book in Physical Geography, 1911; Geography of the Soils of Georgia, 1911; Primary Geography of Georgia, 1913; Advanced Geography of Georgia, 1913; (with L. S. Ivins) Practical Lessons in Agriculture, 1913; Geographic Readers, Vols. I, II, III, IV. *Ed.* and pub., The Educational Monthly. —*b.* Boston, Mass., June 15, 1875; *s.* Samuel and Lucy (Urann) M.; *m.* Effie Smith, Dec. 22, 1909. B.S., Mass. Agr. Coll., 1899; B.Sc., Boston Univ., 1899.

Merrill, Joseph Henry, assoc. prof. and apiarist Exp. Sta., state apiarist, Kans. State Agr. Coll., Manhattan, Kans.

Present position, 1912-. —*b.* Danvers, Mass., Nov. 12, 1881; *s.* Joseph and Mary Frances (Sawyer) M.; reared in town; *m.* Lillian Briggs, Sept. 21, 1912; *c.* Joseph Briggs, Frances Somerville. B.S., Dartmouth Coll., 1905; Ph.D., Mass. Agr. Coll., 1914. Phi Gamma Delta; Phi Kappa Phi; Gamma Sigma Delta.

Merrill, Leon S., dean Coll. Agr. and dir. ext., Univ. Me., Orono, Me.

Present position, 1911-. —*b.* Solon, Me., Dec. 22, 1864; *s.* Stephen and Jerusha (Dean) M.; reared on farm; *m.* Alice E. Wilson, Aug. 12, 1884; *c.* Gladys H., Earl Stephen. Grad. Bowdoin Med. Coll., 1889. Phi Kappa Phi; Alpha Zeta.

Merrill, Lucius Herbert, prof. biol and agrl. chem., Univ. Me., Orono, Me.

Asst. dept. lithology and physical geol., U. S. Nat. Museum, 1885-6; chem., Me. Exp. Sta., 1886-1908; instr. biol. chem., Univ. Me., 1897-8; prof., 1898-1906; prof. biol. and agrl. chem., 1907-. —*b.* Auburn, Me., Oct. 1, 1857; *s.* Lucius and Anne Elizabeth (Jones) M.; *m.* Lydia Maria Buffum, June 24, 1893; 2d, Annie Clifford Moore, June 15, 1910. B.S., Univ. Me., 1883; Sc.D., 1908. Alpha Chi Sigma; Phi Beta Kappa; Sigma Chi; Alpha Zeta; Phi Kappa Phi.

Merrill, Melvin Clarence, dir. for. publications, U. S. For. Serv., Washington, D. C.

Agrl. insp. and supt. Exp. Sta. in Philippines, 1906-10; traveled around world 1910; dir. dept. agr., Ida. Tech. Inst., Pocatello, 1915-7; hort., Utah Agr. Exp. Sta. and prof. hort., Utah Agr. Coll., 1917-22; dean Coll. Applied Sci. and prof. hort., Brigham Young Univ., 1922-4; present position, 1924-. —*b.* Richmond, Utah, Apr. 6, 1884; *s.* Marriner Wood and Maria Loenza (Kingsbury) M.; reared on farm; *m.* Amy Lyman, Sept. 9, 1914; *c.* Betty Jane. B.S., Utah Agr. Coll., 1905; S.M., Univ. Chicago, 1912; A.M., Harvard Univ., 1913; Ph.D., Washington Univ., 1915. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Merritt, Eugene, field agt., Off. Coop. Ext., U. S. Dept. Agr., Washington, D. C.

Sci. asst., Bur. Crop Estimates, 1905-13; Off. of Agrl. Educ., 1913-4; asst. to dir. States Relations Serv., 1914-23; present position, 1923-. Assoc. ed., Experiment Station Record. —*b.* Millbrook, N. Y., Jan. 18, 1880; *s.* Stephen and Helen (Ham) M.; reared on farm; *m.* Caroline Wallen, Nov. 14, 1906; *c.* Katharine E., Jeanette R. A.B., Cornell Univ., 1903; grad. student, 1903-5.

Merritt, Frederic P., teach. agr., high-sch., Hackettstown, N. J.

b. Kingston, N. Y., July 15, 1900; *s.* Jacob V. and Edith (Pink) M.; reared on farm; *m.* Helen Fisher, Jan. 14, 1925. B.Sc., Rutgers Univ., 1923. Theta Zeta.

Merritt, Madge Burns, home dem. agt., Brunswick, Ga.

Sec. State Beekeepers Assoc. —*b.* Savannah, Ga., Aug. 15, 1877; *d.* Harry and Margaret (Harrison) Burns; reared in town; *m.* Samuel B. Merritt, Dec. 18, 1901. B.S., Univ. Ga., 1922.

Merritt, Ralph Palmer, pres. and manag. dir. Sun-maid Raisin Growers Assoc., Holland Bldg., Fresno, Calif.

Vice-pres. and general manag. Miller & Lux, 1910-2; comptroller Univ. Calif., 1912-20; War Finance Corp., 1921-3; pres. and general manag. Rice Growers Assoc. of Calif., 1921-4; present position, 1924-. Regent Univ. Calif.; trustee Mills Coll. Mem. Nat. Agrl. Comn., 1924; fed. food adminis. for Calif., 1917-9. —*b.* Rio Vista, Calif., Feb. 26, 1883; *s.* Chas. Z. and Ella S. (Palmer) M.; *m.* Varina Morrow, 1910; *c.* Ralph P. Jr., Mary Varina, Katherine Stoddard. B.S., Univ. Calif., 1907; LL.D., 1919. Alpha Delta Phi.

Merritt, Worth W., co. agrl. agt., Martinsville, Ill.

Dir. agr., De Witt, Ia., 1916; agrl. agt. Sullivan Co., Mo., 1917; Ralls Co., 1919-22; Clark Co., Ill., 1922-. Served as Sergeant Inf., U. S. Army. —*b.* Ia., Aug 13, 1893; *s.* Wm. and Josephine (Wade) M.; reared on farm; *m.* Eula Reed, Nov. 10, 1919. B.S., Ia. State Coll., 1915.

Merry, H. Seymour, supt. Deis-Fertig Dairies Co. Swiss cheese factories, Dover, O.

Formerly agt. in dairying and cheese specialist, Va. Poly. Inst. —*b.* Verona, N. Y., Mar. 8, 1881; *s.* Gottlieb and Sarah J. (McGann) M.; reared on farm; *m.* Grace B. Taber, Mar. 21, 1907 (d. 1914); 2d Alice J. Johnston, Mar. 17, 1923; *c.* Helena A., Esther M. Special student, Cornell Univ., 1905-7.

Mervine, Ernest Muchmore, prof. agrl. engin., Ia. State Coll., Ames, Ia.

b. Milton, Pa., Mar. 30, 1887; *s.* Chas. S. and Nellie K. (Muchmore) M.; reared on farm; *m.* Eva F. Martyn, July 23, 1913. M.E., Lehigh Univ., 1909.

Merz, Albert Ronald, assoc. chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Instr., Univ. Va., 1909-10; with Bur. Soils, 1911-8, 1919-. Fellow A. A. A. S. (Agrl. chem.). —*b.* Lynchburg, Va., Jan. 14, 1887; *s.* John and Helene (Chase) M.; reared in city; *m.* Florence Estelle Hartman, Sept. 23, 1914; *c.* Mary Frances. B.S., Univ. Va., 1909; M.S., 1911; Ph.D., Geo Washington Univ., 1923.

Messenger, Charles Bingley, agrl. writer, 143 East Ave. Fifty-Four, Los Angeles, Calif.

Farmer and fruit-grower; general manag. Pomona Fruit Growers Exchange, 1894; business manag. Pomona Times, 1896-1902; ed. California Cultivator, 1902-23; pres. Calif. State Assoc. of Farmers Co. Mutual Fire Insurance Cos.; pres. Town Dwelling Fire Insurance Co. of Los Angeles Co. —*b.* New London, O., Sept. 9, 1859; *s.* Wm. B. and Harriet A. (Pond) M.; reared on farm; *m.* Mary Powers, Mar. 13, 1887; *c.* Ruth, Albert P.

Messer, Charles L. Jr., co. agrl. agt., 89 Steele St., Auburn, N. Y.

b. New York, N. Y., Dec. 24, 1898; *s.* Chas. Leverich and Ida Louise (Lurch) M.; reared in town and on farm; *m.* Mary Esther Hale, June 30, 1924. B.Sc., Rutgers Coll., 1922. Pi Kappa Alpha.

Metcalf, Clell Lee, prof. ent. and head dept., Univ. Ill., Urbana, Ill.

Asst., Ohio State Univ., 1911-2; asst. ent., N. C. Exp. Sta., 1912-4; asst. prof. ent., Ohio State Univ., 1914-9; prof., 1920-1; present position, 1921-; consulting ent., Me. Exp. Sta., summers, 1915-7; prof. biol., Cornell Univ., summers, 1918-9. —*b.* Lakeville, O., Mar. 26, 1888; *s.* Abel Crawford and Catherine (Fulmer) M.; reared on farm; *m.* Cleo Fouch, Dec. 31, 1908; *c.* Robt. Lee, Jas. Richard. B.A., Ohio State Univ., 1911; M.A., 1912; S.D., Harvard Univ., 1919. Sigma Xi.

Metcalf, Haven, path. in chg. for. path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Brown Univ., 1896-9; prof. biol., Tabor Coll., 1899-1901; instr. bact., Univ. Neb., 1901-2; prof. bot., Clemson Agr. Coll., 1902-6; path., Bur. Plant Ind., 1906-7; present title, 1907-. Pres. Amer. Phytopath. Soc., 1915; pres. Bot. Soc. of Washington, 1919-20. Discovered and introduced from Italy, 1908, the progenitor of Colusa rice; U. S. del. to Intern. Conference of Phytopath. and Econ. Ent., Holland, 1923. *Assoc. ed.,* Phytopathology, 1910-4. —*b.* Winthrop, Me., Aug. 6, 1875; *s.* Geo. Shepard and Prudence (Grant) M.; reared on farm; *m.* Flora May Holt, June 28, 1899. A.B., Brown Univ., 1896; A.M., 1897; Ph.D., Univ. Neb., 1903. Delta Upsilon.

Metcalf, Woodbridge, assoc. prof. for., Univ. Calif., Berkeley, Calif.

Asst. prof. for., Univ. Calif., 1914-21; assoc. prof., 1921-. —*b.* Grosse Pointe, Mich., June 23, 1888; *s.* Chas. Horton and Mattie Kitchell (Woodbridge) M.; reared in country and city; *m.* Norah Clements, Sept. 26, 1914; *c.* Beatrice Marian, Sylvia Dorothy. A.B., Univ. Mich., 1911; M.S.F., 1912. Sigma Xi; Phi Gamma Delta; Xi Sigma Pi.

Metcalf, Zeno Payne, dir. instr., Sch. Agr., prof. zool. and ent. and ent. Exp. Sta., N. C. State Coll., Raleigh, N. C.

Instr. ent. and asst. ent. Exp. Sta., Mich. Agr. Coll., 1907-8; asst. ent., N. C. Dept. Agr., 1908-12; present position, 1912-. —*b.* Lakeville, O., May 1, 1885; *s.* Abel C. and Catherine (Fulmer) M.; reared on farm; *m.* Luella Correll, Oct. 20, 1909; *c.* Katherine E. B.A., Ohio State Univ., 1907; student Bussey Inst., Harvard Univ., 1923-4. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Alpha Gamma Rho.

Metzger, Fraser, chaplain, Penn. State Coll., State College, Pa.

Food adminis., Vt., 1917-8; in U. S. Army, 1918-9. Mem. social serv. comn., Nat. Council of Congregational Churches; mem. Americanism Comn. of Amer. Legion. —*b.* Gloversville, N. Y., Oct. 25, 1872; *s.* Albert H. and Catherine (Lenz) M.; reared in village; *m.* Jessie Amy Lacy, June 12, 1902; *c.* Albert Lacy, Roscoe F., Earl E. A.B., Union Coll.; B.D., Christian Biblical Inst.; D.D., Middlebury Coll. Phi Beta Kappa; Delta Upsilon.

Metzger, Herbert John, asst. ext. prof. an. husb., Cornell Univ., Ithaca, N. Y.

Practiced vet. med., 4 yrs. —*b.* Groton, N. Y., May 18, 1893; *s.* Leo A. and Emily (Hedden) M.; reared on farm; *m.* Dorothy Austin Sewell, May 2, 1924. D.V.M., Cornell Univ., 1918. Alpha Gamma Rho.

Metzger, Jacob Elry, agron., Md. Exp. Sta., College Park, Md.

Princ. elementary schs., Pa., 1902-6; teach. agr., high-sch., Minn., 1911-3; prof. agrl. educ. and dir. summer sch. for teachers, Md. State Coll., 1914-7; superv. agrl. instr., Md. State Dept. Educ., 1915-7; present position, 1917-. —*b.* New Enterprise, Pa., July 30, 1882; *s.* Jacob B. and Kathryn (Dilling) M.; reared on farm; *m.* Jennie Reba Butts, May, 1912. B.S., Penn. State Coll., 1911. Sigma Phi Sigma.

Meyer, Arthur John, dir. agrl. ext., Univ. Mo., Columbia, Mo.

Asst. agron., Univ. Wis., 1902-4; special agt. an. husb., Colo. Agr. Coll., 1904-5; farmer, 1907-11; asst. to dean and dir., Coll. of Agr., Univ. Mo., 1911-4; present position, 1914-. First pres. Wis. Exp. Assoc.; chm. com. on agr. and food production, Mo. Council of Defense, 1917-8; special agt. U. S. Food Adminis., 1917-8. *Assoc. ed.,* Wisconsin Agriculturist, 1906-7. (An. husb., rural organization). —*b.* near Milwaukee, Wis., June 24, 1878; *s.* John and Sophia M.; *m.* Illma Margaret Rohr, Sept. 4, 1911; *c.* Donald, John, Philip. B.S.A., Univ. Mo., 1915. Alpha Zeta; Gamma Sigma Delta.

Meyer, Martin H., creamery efficiency expert, Assoc. Coop. Creameries, Whitehall, Wis.

Manag. dairy farm, 1898-1900; asst. dairy husb., Univ. Wis., 1902-7; manag. in chg. Chr. Hansen's Lab., Inc., Milwaukee, 1908-23. Sec.-treas. Nat. Creamery Buttermakers Assoc., 1913-20. Special correspondent, Olsen Pub. Co., Milwaukee. *Auth.*: Modern Buttermaking and Dairy Arithmetic, 1910; Dairy Guide, 1913; Treatise on Starters, 1915. —*b.* Cedarburg, Wis., Sept. 24, 1869; *s.* Henry and Louise (Wiepking) M.; reared on farm; *m.* Nora M. Ryan, June, 1902; *c.* John M. Grad. short-course agr., Univ. Wis., 1897; dairy course, 1902.

Meyers, P-T., poultryman, Riverton, Wyo.

Prof. agr., high-sch., Stromsburg, Neb., 1914-5; asst. and instr. agron., Univ. Wyo., 1915-7; formerly agt. Campbell Co., Wyo. Sergeant, Tank Corps, U. S. Army. (Agron.). —*b.* Hendley, Neb., Jan. 12, 1891; *s.* Philip and Ida (Johnson) M.; reared on farm. B.S.A., Univ. Neb., 1914.

Michael, Joseph Edgar, teach. agr., Iredell Co. Farm Life Sch., Harmony, N. C.

Truck and citrus fruit farmer, Fla., 1917-8; farm owner, Leslie, Ark.; present position, 1920-. Ballistic insp., War Dept., 1918-9. (Pom.). —*b.* Gibsonville, N. C., Oct. 14, 1894; *s.* W. C. and Josephine (Curtis) M.; reared on farm; *m.* Ava Bell Brumley, Jan. 1, 1916; *c.* Joe, Robt. Lee, Mary-Ellen. B.S., N. C. State Coll., 1914.

Michael, Louis Guy, foreign agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. chem., Mich. Agr. Coll., 1900-3; asst. mineralogy, Columbia Univ., 1903-4; prof. agrl. chem. and chem. Exp. Sta., Ia. State Coll., 1905-9; agrl. expert to govt. of Bessarabia, S. Russia, 1910-6; agrl. expert on grain survey of Russia, Siberia, Manchuria for Nat. City Bank Syndicate, 1917-8; manag. for Baltic states, People's Ind. Trading Corp., 1920-1; consulting specialist, U. S. Dept. Agr., 1921-2; foreign agrl. econ., 1922-. Del. to Intern. Inst. Agr., Rome, Italy, 1922; awarded Zemstki Znock by Russian govt. *Auth.*: Corn Culture (in Russian); contr. to Book of Rural Life. —*b.* Hastings, Mich., Aug. 3, 1878; *s.* John and Mary (Seevey) M.; reared in town; *m.* Mary Lisle McCollom, 1908; *c.* Mary Louise. B.S., Mich. Agr. Coll., 1903; M.S., Univ. Wis., 1918; Dr. Agr., Mich. Agr. Coll., 1924. Sigma Xi.

Michel, Paul, co. agrl. agt., Kiowa, Colo.

Asst. agron., Colo. Agr. Exp. Sta., 1919-20; insp. Colo. Div. Marketing, 1921; supt. Nile Farms, Wiggins, Colo., 1921-3; agrl. agt. Elbert Co., 1923-. 2d Lieut. Field Art., U. S. Army, 1917-9. (Agron.). —*b.* Chicago, Ill., June 10, 1895; *s.* Herman and Pauline (Metzger) M.; reared in city; *m.* Gladys M. Petit, July 5, 1924. B.S., Colo. Agr. Coll., 1920. Alpha Tau Omega.

Michels, Charles A., asst. prof. agron., Mass. Agr. Coll., Amherst, Mass.

Dir. agr. and sci., high-sch., Fergus Falls, Minn., 1909-11; acting plant-breeder, N. D. Agr. Exp. Sta., 1911; head dept. agr. and sci., S. D. Normal Sch., 1912-6; dir. co. agt. work, W. S. D., 1916; co. agrl. agt., Mont., 1917-9; asst. co. agt. leader and ext. agron., N. D. Agr. Coll., 1920; present position, 1920-. Vice-pres. Archer Mercantile Co. and Plentywood State Bank, 1912-9. —*b.* Ft. Fatten, N. D., Aug. 17, 1886; *s.* Jas. and Hellen (Smiths) M.; reared on farm and in city; *m.* Jessie Duncan, Aug. 15, 1917; *c.* Arthur Gordon, Jas. Richard. B.S., N. D. Agr. Coll., 1909; M.S., Univ. Wis., 1912. Alpha Zeta.

Michels, Mathew, dairy marketing, Wis. Dept. Markets, Madison, Wis.

Owner and operator butter and cheese factories, 17 yrs.; instr. dairying, Univ. Vt., 2 yrs.; Univ. Wis. Pres. Wis. Cheesemakers Assoc.; pres. Wis. Buttermakers Assoc.; pres. Wis. Dairymens Assoc.; pres. Fond du Lac Co. Guernsey Breeders Assoc. —*b.* Fond du Lac Co., Wis., Jan. 9, 1870; *s.* Math. J. and Elisebeth (Gilles) M.; reared on farm; *m.* Katthrin Bast, Nov. 28, 1895; *c.* Harvey, Hiram, Edna, Leo. Student Univ. Wis.

Mickel, Clarence Eugene, ext. ent., Univ. Minn., University Farm, St. Paul, Minn.

Formerly ext. ent., Univ. Neb. Served as 2d Lieut., U. S. Army. (Hymenoptera; Mutillidæ). —*b.* Lincoln, Neb., Feb. 29, 1892; *s.* Fred W. and Carrie A. (Brown) M.; reared in city; *m.* Electa Mae Allen, Dec. 22, 1914; *c.* Virginia Y., Stanley A., Thelma M. B.Sc., Univ. Neb., 1917; M.S., Univ. Minn., 1923. Sigma Xi; Gamma Alpha; Alpha Zeta.

Middaugh, Irving S., pastor Methodist Episcopal Church, Pine Grove, W. Va.

Co. agrl. agt., St. Marys, W. Va., to 1922; teach. voc. agr., St. Marys high-sch., 1923-4. —*b.* Brookton, N. Y., Nov. 6, 1897; *s.* Augustus and Viola M.; reared on farm. B.S., Cornell Univ., 1918.

Middleton, Morrice Smith, farmer, Vernon, B. C.

Asst. provincial hort., 1909-17; hort. and insp. fruit pests, 1917-9. —*b.* Aberdeenshire, Scotland, May 24, 1883; *s.* Wm. and Catherine (Smith) M.; reared on farm. B.S.A., Ont. Agr. Coll., 1909.

Middleton, William, asst. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Served in Med. Corps, U. S. Army, World War. (Insects affecting trees and shrubs). —*b.* Washington, D. C., Nov. 28, 1893; *s.* Jones Benj. and Christina Muir (Logan) M.; reared in city; *m.* Alice Louise Browning, Mar. 2, 1916; *c.* Louise Browning. Student Geo. Washington Univ.

Midkiff, John Howard, asst. agrst., Hawaiian Sugar Planters Assoc., Honolulu, H. I.

Co. agt., Hawaii Co., 2½ yrs.; asst. prof. agr., Univ. Hawaii, 1919-20. Food adminis., Island of Hawaii; mem. Territory of Hawaii Fair Com. *Ed.,* agrl. div., Honolulu Star-Bulletin. —*b.* Stonington, Ill., Jan. 16, 1893; *s.* J. J. and Bertha (Wilson) M.; reared in country and village; *m.* Floye A. Henderson, June 29, 1917. B.S., Univ. Ill., 1917. Beta Theta Pi; Alpha Zeta.

Milam, Ava Bertha, dean Sch. Home Econ., Ore. Agr. Coll., Corvallis, Ore.

Teach. public schs., Atlanta, Mo., 1903-4; Blees Military Acad., Macon, 1904-7; teach. summer sch., N. Ill. State Normal Sch., summer 1911; Ia. State Coll., 1911; present position, 1911-. In China, 2 yrs. *Auth.:* Camp Cookery, 1917. —*b.* Macon, Mo., Nov. 27, 1884; *d.* Ancil and Mary Louise (McGinnis) M.; reared on farm. Ph.B., Univ. Chicago, 1910; A.M., 1911.

Milam, Carl Hastings, sec. Amer. Library Assoc. and general dir. Library War Serv., 86 E. Randolph St., Chicago, Ill.

Asst., Univ. Okla. Library, 1904-7, John Crerar Library, Chicago, 1907, Purdue Univ. Library, 1908-9; sec. and state organizer, Public Library Com. of Ind., 1909-13 (including state

traveling libraries); dir. Public Library, Birmingham, Ala., 1913-9; asst. (later acting) general dir. Library War Serv., Amer. Library Assoc., 1917-9; present position, 1920-. Pres. League of Library Comns., 1912-3. —*b.* Harper Co., Kans., Oct. 22, 1884; *s.* Geo. L. and Florence Amanda (Burch) M.; *m.* Nellie Watson Robinson, May 16, 1910; *c.* Margery, Mary Virginia. B.A., Univ. Okla., 1907; student N. Y. State Library Sch., 1907-8. Beta Theta Pi.

Miles, Earl S., co. agrl. agt., Salem, Ind.

Instr. agr., high-sch., Villard, Ind., 1913-4; co. agrl. agt., Va., 1914-5; livestock farmer, 1916-24; agrl. agt. Washington Co., Ind., 1924-. —*b.* Bethlehem, Ind., July 29, 1888; *s.* Albert Richard and Mary Ellen (Giltner) M.; reared on farm; *m.* Estella M. Kehoe, Dec. 28, 1914; *c.* Albert Richard, Elizabeth Louise, Joseph Dexter, David Russell, Wm. Francis. B.S., Hanover Coll., 1910; B.S.A., Ia. State Coll., 1914. Beta Theta Pi.

Miles, Frank C., manag. Union Grove Fiber Co., Union Grove, Wis.

Sci. asst. fiber invests., U. S. Dept. Agr., 1913-7; commercial production of hemp and flax fiber, 1917-. Pres. Wis. Hemp Order, 1917-9. —*b.* Meadow Grove, Neb., Mar. 23, 1890; *s.* Riley C. and Nettie M. (Freeman) M.; reared on farm; *m.* Mildred A. Marshall, Aug. 12, 1914; *c.* Janet Frances. A.B., Univ. Neb., 1912; A.M., 1913. Sigma Xi; Alpha Zeta.

Miles, Lee Ellis, ext. plant path., Ala. Poly. Inst., Auburn, Ala.

Plant path., Miss. State Plant Bd., 1920-2; assoc. prof. plant path. and assoc. plant path., Ala. Poly Inst., 1922-3; prof., 1923-. Sec. southern sect. Amer. Phytopath. Soc., 1923-5. Fellow A. A. A. S. Corporal U. S. Army, 1918-9. —*b.* Rockville, Ind., Sept. 25, 1890; *s.* Chas. Erastus and Sarah Jane (Akers) M.; reared in town. A.B., Wabash Coll., 1914; Ph.D., Univ. Ill., 1920. Phi Beta Kappa; Sigma Xi; Lambda Chi Alpha.

Milham, Clinton Pomeroy, co. agrl. agt., Grand Haven, Mich.

Seed corn specialist, States Relations Serv., 1917. —*b.* Kalamazoo, Mich., Jan. 20, 1893; *s.* Robt. E. and Clemana (Pomeroy) M.; reared on farm. Student Mich. Agr. Coll., 2 yrs.

Milhan, Mabel Ailene, home dem. agt., Canton, N. Y.

Teach. home econ., high-sch., Selma, Ala., 1913-6; home dem. agt., Danbury, Conn., 1921-4. —*b.* Williamson, N. Y., Mar. 9, 1890; *d.* Warren C. and Minnie E. (Tinklepaugh) M.; reared on farm. Student Rochester Mechanics Inst., 1911-3; B.S., Columbia Univ., 1921; M.A., 1924.

Millar, Charles Ernest, assoc. prof. soils, Mich. State Coll., E. Lansing, Mich.

Grad. asst. chem., Univ. Ill., 1909-10; asst. chem., Kans. State Agr. Coll., 1910-1; asst. soil chem., 1911-3; asst. soils, 1913-5; asst. prof. soils, Mich. Agr. Coll., 1915-8; assoc. prof., 1918-. —*b.* Coles Co., Ill., June 23, 1885; *s.* Adam and Fannie B. (Knowles) M.; reared in town; *m.* Lucile E. Kays, June, 1912; *c.* Margaret. B.S., Univ. Ill., 1909; M.S., 1911; B.S. in Agr., Kans. State Agr. Coll., 1915; Ph.D., Univ. Wis., 1923. Sigma Xi; Alpha Gamma Rho; Phi Lambda Upsilon; Alpha Zeta.

Millen, Frank Eric., prof. and provincial apiarist, Ont. Agr. Coll., Guelph, Ont.

Instr. and state apiarist, Mich. Agr. Coll., 1913-6; assoc. prof. and state apiarist, Ia. State Coll., 1917-9; present position, 1919-. Sec.-treas. Mich. Beekeepers Assoc., 1914-6; Ia. Beekeepers Assoc., 1918-9; Ont. Beekeepers Assoc., 1919-. —*b.* Greenstreet, Kent, England, July 4, 1882; *s.* Albert and Elizabeth M.; reared on farm; *m.* Clara Goodhew, Mar. 1908; *c.* Nora Irene, Margaret Florence. B.S., Univ. Toronto, 1913.

Miller, Charles C., beekeeper and writer, Marengo, Ill.; June 10, 1831-Sept. 4, 1920. See Rus 1920.

Miller, Charles Eldridge, agrl. ext. agt., Danville, Ky.

Prof. agr., Cent. Normal Coll., Danville, Ind., 1913-5; supt. Farm Life

Sch., China Grove, N. C., 1915-8; agrl. ext. agt., Charlotte, N. C., 1918-23. —*b.* Oxford, O., May 29, 1883; *s.* John F. and Mary E. (Wolber) M.; reared on farm; *m.* Maud Abigail Campbell, Dec. 4, 1915; *c.* Campbell E. B.S., Miami Univ., 1914.

Miller, Dalton G., drainage engin., Bur. Public Roads, U. S. Dept. Agr., University Farm, St. Paul, Minn.

With Bur. Public Roads, U. S. Dept. Agr., 1906-; in chg. Drain Tile Lab., Univ. Minn., 1921-. (Drainage of alkali lands). —*b.* Guthrie Center, Ia., May 7, 1880; *s.* Giles C. and Lucia A. (Stutsman) M.; reared in town; *m.* Cecelia Grandrath, 1907; *c.* Giles, Cecelia, Frederick, Curtis. B.S. in C.E., Univ. Ia., 1905; C.E., 1924.

Miller, Elva E., ed. Southern Agriculturist, Nashville, Tenn.

Manag. ed. Progressive Farmer, 1908-13; ed. Southern Farm Journal, 1914; Southern Agriculturist, 1915-. *Auth.*: Fertilizing for Profit, 1911; Field-Path and Highway, 1913. —*b.* Greene Co., Tenn., Nov. 27, 1879; *s.* L. N. and Laura (White) M.; reared on farm; *m.* Hattie Senter, Feb. 25, 1910; *c.* Elva E., Harry Tandy, Whitman, Stanford Lanier.

Miller, Eugene Adam, sweet potato storage specialist, Tex. A. & M. Coll., College Station, Tex.

Instr. hort., Tex. A. & M., Coll., 2 yrs.; hort., Tex. State Dept. Agr., 2 yrs.; hort., Louisville and Nashville R. R., 4 yrs.; present position, 1918-. —*b.* New Ulm, Tex., Apr. 13, 1887; *s.* F. B. and Hedwig (Wangemann) M.; reared on farm; *m.* Ella Lucile Schroeder, Aug. 24, 1916; *c.* Helen Lucile. B.S., Tex. A. & M. Coll., 1908; student Cornell Univ., 1910-1.

Miller, Francis Garner, prof. for. and dean Sch. For., Univ. Ida., Moscow, Ida.

Prof. for., Univ. Neb., 1903-7; prof. for. and dean Coll. For., Univ. Wash., 1907-12; prof. for. and head dept., Wash. State Coll., 1915-7; present position, 1917-. With U. S. For. Serv., summers, 1901-12. Mem. Wash. State Conservation Comn., 1908-9; Wash. State For. Legislation Comn., 1910. —*b.* Lanark, Ill., June 2, 1866; *s.* Isaiah and Isabelle Jane (Moffett) M.; reared on farm; *m.* Evelyn Depew Miller, Sept. 15, 1906. B.Ph., State Univ. Ia., 1900; B.S.A., Ia. State Coll., 1901; M.F., Yale Univ. For. Sch., 1903. Sigma Xi; Alpha Zeta.

Miller, Frank Edison, agrst. Belle Fourche Irrig. Project, U. S. Dept. Agr., Newell, S. D.

Farmer and florist, N. Y. and N. J. Served in U. S. Army, 1917-9. (Livestock). —*b.* Johnstown, N. Y., Feb. 19, 1889; *s.* Chas. and Christiana (Clark) M.; reared on farm. B.S., Cornell Univ., 1914.

Miller, Guy W., co. agrl. agt., Warren, O.

b. Pataskala, O., Sept. 14, 1892. B.S.A., Ohio State Univ., 1919. Delta Theta Sigma.

Miller, Henry Alanson, agrst., Div. Farm Manag., U. S. Dept. Agr., Washington, D. C.

Grain farmer, Wash., 15 yrs.; fruitgrower, Va., 9 yrs. —*b.* Pa., Oct. 8, 1874; *s.* Augustus and Delila Ann (Weaver) M.; reared on farm; *m.* Marian J. Cockrell, 1904; *c.* Doris, Leslie, Henry A. Jr. B.S.A., Wash. State Coll., 1901.

Miller, Henry Paul, farmer, Sunbury, O.

Instr., Ohio State Univ., short-course, 1906-7; prof. agr. and dir. short-courses, Okla. A. & M. Coll., 1908-10; special invest. for Tariff Bd., 1910-1; agt. Portage Co., O., 1913-7; vice-pres., O. Farm Bur. Fed., 1919-20; pres. Central Milk Producers Co., Columbus, O., 1920-4; dir. Farmers Coop. Grain Dealers Assoc. of Ohio, 1920-2; dir. Condit Farmers Coop. Co., Condit, O., 1920-3; instr. Ohio Farmers Inst., 1895,1925. Contributing ed., Ohio Farmer. (Farm tenancy, livestock econ.). —*b.* Sunbury, O., Nov. 8, 1865; *s.* Wm. D. and Mary (Paul) M.; reared on farm; *m.* Emma Caroline Pierson, May 19, 1891; *c.* Wendell P., Willard A., Russell Wells, Paul Condit. B.S., Antioch Coll., 1889; D.V.M., Ohio State Univ., 1895; M.S., Antioch Coll., 1890.

Miller, James Henry, minister, 443 W. Main St., Lebanon, Tenn.

Adj. prof., Trinity Univ., Tex., 1883-4. Superv. rural work in presbytery. —*b.* Independence, Mo., Feb. 3, 1860; *s.* John Henry and Mary (Henderson) M.; reared on farm; *m.* Cornelia Maude Hoyt, Feb. 24, 1891; *c.* Jas. Hum, Charlene Frances. A.B., Trinity Univ., 1883; B.D., Cumberland Univ., 1886; D.D., 1910. Beta Theta Pi.

Miller, J. Haynes, teach. agr., Clark Co. High-Sch., Winchester, Ky.

Teach. rural schs., Shelby Co., Ky., 1913-5; teach., Bur. Educ., P. I., 1915-7; middle schs., Canton, China, 1917-8; asst. instr., Univ. Wis., 1919-21; princ. high-sch., Marshall Co., Ky., 1921-2; present position, 1922-. Lieut. A. E. F., Siberia, 1918-9. —*b.* Habit, Ky., May 8, 1891; *s.* H. C. and Mattie (Brown) M.; reared on farm. B.S., A.B., Georgetown Coll., 1913; M.S., Univ. Wis., 1920.

Miller, John Lester, co. agrl. agt., Brooksville, Ky.

b. Dayton, Va., June 20, 1895; *s.* Noah Preston and Elizabeth C. (Swartz) M.; reared on farm. Student Washington and Lee Univ., 1914; Geo. Peabody Coll., 1916-7.

Miller, Lawrence Berthold, agrst., Flathead Irrig. Project, U. S. Dept. Agr., Ronan, Mont.

Instr. dairying, short-course, Univ. Minn., 1920; chief consultation dept., Amer. Farmers Sch., Minneapolis, 1917-; manag. Lagomarcina-Grupe Ice-Cream Dept., Davenport, Ia., summer 1920; dir. voc. agr., high-sch., Kenmare, N. D., 1921-3; present position, 1923-. 2d Lieut. Field Art., U. S. Army, World War. —*b.* Jackson, Minn., Dec. 20, 1895; *s.* Christian and Emelie (Miller) M.; reared on farm; *m.* Albertha C. Gustafson, Sept. 2, 1920; *c.* Robt. Ernest. B.S., Univ. Minn., 1917. Alpha Gamma Rho.

Miller, Louis Francis, farmer and gardener, R. F. D. 3, Toledo, O.

Pres. Florists and Gardeners Insurance Assoc. of O.; treas. Miller Farm and Greenhouse Co., —*b.* Toledo, O., Aug. 24, 1873; *s.* Henry and Catherine (Kipp) M.; reared on farm; *m.* Sidonia T. Hartz, Jan. 23, 1906.

Miller, Merritt Finley, prof. soils, Univ. Mo., Columbia, Mo.

With Bur. Soils, U. S. Dept. Agr., 1901-2; agron., Ohio State Univ., 1902-4; prof. agron., Univ. Mo., 1904-14; prof. soils, 1914-. Traveled and studied in Europe, 1910-1. —*b.* Grove City, O., July 7, 1875; *s.* E. Ed. and Eliza A. (Demorest) M.; reared on farm; *m.* Alice G. Thompson, Dec., 1902; 2d, Grace Ernst, Dec., 1914; *c.* Edward Ernst, Elizabeth Marie, Robt. Demorest. B.S.A., Ohio State Univ., 1900; M.S.A., Cornell Univ., 1901. Sigma Xi; Alpha Zeta.

Miller, Paul E., supt. West Central Sch. and Sta., Univ. Minn., Morris, Minn.

(Secondary agrl. educ.). —*b.* Cedar Rapids, Ia., Oct. 30, 1889; *s.* J. K. and Ida E. (Bluebaugh) M.; *m.* Ada Margaret Jones, June 23, 1914; *c.* John B. B.S.A., Ia. State Coll., 1911. Phi Sigma Kappa; Delta Sigma Rho; Gamma Sigma Delta; Alpha Zeta.

Miller, Paul Robert, ext. specialist farm crops, Mich. State Coll., E. Lansing, Mich.

Grad. res. asst., Mich. Agr. Coll., 1922-3; present position, 1923-. Served in U. S. Army, 1918. —*b.* Burlington, Ia., Nov. 2, 1899; *s.* Chas. Frederick and Louise M.; reared on farm. B.S., Ia. State Coll., 1922; M.S., Mich. Agr. Coll., 1924. Alpha Zeta; Phi Sigma; Alpha Kappa Delta.

Miller, Richard N., asst. prof. farm manag. ext., Wash. State Coll., Pullman, Wash.

Asst. hort., W. Wash. Exp. Sta., 1908-9; asst. state hort. insp., 1909-13; sci. asst., U. S. Dept. Agr., 1914; specialist farm manag., 1914-9; present position, 1919-. —*b.* Kirksville, Mo., Apr. 28, 1885; *s.* John and Molly M.; reared on farm; *m.* Anna L. Leonard, 1915; *c.* Dick N. B.S., Wash. State Coll., 1908, 1913; M.S., 1914. Sigma Alpha Epsilon.

Miller, Robert Ester, co. agrl. agt., Valdosta, Ga.

Princ. rural schs., Knox Co., Ky., 3 yrs.; grade teach., Berea Normal Model Sch., 1917; princ. high-sch., Metasville, Ga., 1919; teach. voc. agr., high-sch., Pavo, Ga., 1920-5; agrl. agt. Lowndes Co., 1925-. Pres. Bd. of Trade, Pavo, Ga., 1922-4; sec.-manag. Pavo Truck Growers Assoc., 1924. Served in A. E. F., 1917-9. —*b.* Gausdale, Ky., Feb. 6, 1895; *s.* Andrew Madison and Susan Francis (Pritchard) M.; reared on farm; *m.* Uldene Ina Sheppard, July 4, 1918; *c.* Robt. Eric, Kenyon Orville, Helen Frances. Grad. Berea Normal Coll.

Miller, Robert Frederick, assoc. prof. sheep husb., Univ. Calif., Davis, Calif.

Asst., Ia. State Coll., 1909-10; instr., Mont. State Coll., 1910-4; asst. prof., Univ. Calif., 1914-8; prof. sheep husb., Tex. A. & M. Coll., 1918-20; present position, 1920-. —*b.* New Ulm, Tex., Aug. 20, 1889; *s.* F. B. and Hedwig (Wangemann) M.; reared on farm; *m.* Roxie Minette Knolle; *c.* Virginia Ida, Josephine Anne. B.S.A., Tex. A. & M. Coll., 1909; M.S., Ia. State Coll., 1912. Alpha Zeta.

Miller, Russell Dewey, teach. voc. agr., high-sch., Bearden, Ark.

Princ. Rural Life High-Sch., Brunswick, Ga., 1921-2; teach. voc. agr., high-sch., Elkton, Tenn., 1922-4; Bearden, Ark., 1924-. —*b.* Gainesville, Ga., May 1, 1898; *s.* Robt. Luther and Cora Lee (Stevenson) M.; reared on farm and in city. B.S., Univ. Ga., 1921.

Miller, U. A., co. agrl. agt., Taylorsville, N. C.

Princ. Roaring River Inst., 1909-13; Mt. Pleasant high-sch., 1914-7; present position, 1918-. Served in Inf., U. S. Army in Spanish-Amer. War. —*b.* Wilkesboro, N. C., Dec. 20, 1876; *s.* Alexander and Sara E. (Call) M.; reared on farm; *m.* Blanche Winkler, Jan. 25, 1899; *c.* Ralph Edwin, Lawrence Alton.

Miller, Walter P., co. agrl. agt., Mt. Sterling, Ill.

b. Hanna City, Ill., Feb. 14, 1889; *s.* Jas. S. and Margaret Josephine (Walters) M.; reared on farm; *m.* Edna Belle Glasgow, May 22, 1918; *c.* Hazel Edna, Walter Hugh. B.S., Univ. Ill., 1918. Alpha Zeta.

Miller, Wendell P., consulting agrl. engin., 247 E. Broad St., Columbus, O.

Asst. supt. Fairfield Dairy Co. Farms, Montclair, N. J., 1913-5; manag. Fairland Farms, Sunbury, O., 1917-8; ext. specialist agrl. engin., Ohio State Univ., 1920-4. —*b.* Sunbury, O., Apr. 12, 1896; *s.* Henry P. and Emma C. (Pierson) M.; reared on farm; *m.* Emma Gaston Smith, 1921. B.S.A., Ohio State Univ., 1919. Phi Delta Theta; Alpha Zeta.

Miller, William. Tyler (formerly Wilhelm), writer, ed., teach. and fruitgrower, 4520 Queen Anne Court, Los Angeles, Calif.

Assoc. ed., Cyclo. Amer. Hort., 1897-1901; manag. and hort. ed., Country Life in Amer., 1901-12; ed. Garden Magazine, 1905-12; asst. prof. lands. hort. and head div. lands. ext., Univ. Ill., 1912-6. Traveled in U. S. and England to study and describe estates and city planning. *Auth.*: How to Make a Flower Garden, 1903; What England can Teach us About Gardening, 1911; The Illinois Way of Beautifying the Farm, 1913; The Prairie Spirit in Landscape Gardening, 1916. —*b.* Duane, Va., Nov. 14, 1869; *s.* Albert and Olive (Tyler) M.; reared in city; *m.* Mary Farrand Rogers, June 8, 1899; *c.* Ruth Rogers, Farrand Rogers. A.B., Univ. Mich., 1892; A.M., Cornell Univ., 1897; Ph.D., 1899. Phi Beta Kappa; Sigma Xi; Psi Upsilon.

Milliman, Thomas E., manag. membership serv. dept., Dairymens League, 120 W. 42nd St., New York, N. Y.

Farm manag., L. I., 1912-5; agt. Orange Co., 1915-8; asst. state leader co. agts., 1919; present position, 1919-. —*b.* Avon, N. Y., Mar. 4, 1890; *s.* Geo. P. and Lillian (Noble) M.; reared on farm; *m.* Amy Treman, June 9, 1917; *c.* Leonard Treman, Mary Louise. Cornell Univ., 1912. Alpha Gamma Rho.

Mills, James William, co. agrl. agt., Fairfield, Calif.

Agrl. field agt., Univ. Calif., 15 yrs.; co. agrl. agt., 10 yrs. —*b.* Marysville, Calif., Feb. 13, 1867; *s.* Jas. S. and Almira (Gniou) M.; reared on farm; *m.* Fannie M. Whitmore, June 7, 1894; *c.* F. S., Harold L. Student Univ. Calif., 2½ yrs.

Mills, William Hayne, prof. rural sociol., Clemson Agr. Coll., Clemson College, S. C.

Tutor, Hebrew Columbia Sem., 1897-8; farmer, Pendleton, S. C., 1906-; pastor, Presbyterian Church, Clemson Coll., 1906-17; present position, 1917-. Instr. in chg. dept. rural econ. and sociol., A. E. F. Univ., Beaune, France. —*b.* Winnsboro, S. C., Sept. 12, 1872; *s.* W. W. and Edith A. (Smith) M.; *m.* Emma Louise Pressley, Apr. 18, 1899; *c.* Edith Louise, Wm. H. Jr., Mary Leighton. A.B., Davidson Coll., N. C., 1892; B.D., Columbia Theol. Sem., 1897; D.D., Presbyterian Coll. of S. C. Kappa Sigma.

Millsaps, Elliott Stephen, distr. agrl. agt., Statesville, N. C.

Farmer, 1898-1908; agrl. ext., 1908-. —*b.* Alexander Co., N. C., July 7, 1865; *s.* Joseph Cromwell and Jane (Hendren) M.; reared on farm; *m.* Delia Euanna Brown, Sept. 5, 1889; *c.* Vera Euanna, Ewing Stevenson, Gratz Brown, Katherine Alberta.

Miltimore, John Everett, teach. agr., high-sch., W. Springfield, Mass.

Co. club agt., Cheshire Co., N. H., 1919-20; Hillsborough Co., 1920-3; present position, 1923-. 2d Lieut. Field Art., U. S. Army, 1918. —*b.* Derry, N. H., Aug. 27, 1893; *s.* John H. and Sarah L. (Hunt) M.; reared on farm; *m.* Grace M. Sawyer, Nov. 24, 1924; *c.* Elizabeth. B.S., Univ. N. H., 1918. Alpha Tau Omega.

Milward, James Garfield, prof. hort., Univ. Wis., Madison, Wis.

Sec. Wis. Potato Growers Assoc., 1912. —*b.* Madison, Wis., Apr. 5, 1881; *s.* Wm. Henry and Hannah (Brothers) M.; *m.* Goldie S. Mandt, July 6, 1910; *c.* Jas. Mandt, David Mandt, Helen Jane, Barbara Anne, Wm. Brothers. B.S.A., Univ. Wis., 1907; M.S.A., 1909. Alpha Zeta.

Minch, Lewis Willard, farmer and fruit-grower, Bridgeton, N. J.

Sec.-treas. Minch Bros., Inc.; treas. Cumberland Fruit Farms. Ex-pres. N. J. State Hort. Soc.; vice-pres. N. J. State Bd. Agr. —*b.* Bridgeton, N. J., Sept. 9, 1864; *s.* Lewis B. and Lydia (Veale) M.; reared on farm; *m.* Angeline Whittington Kemp. Student Colgate Univ., Crozer Theol. Sem. Beta Theta Pi.

Minch, Walter L., farmer, pres. Minch Bros., Inc., Bridgeton, N. J.

b. Bridgeton, N. J., July 8, 1861; *s.* Lewis B. and Lydia (Veale) M.; reared on farm; *m.* Luala A. Thompson, Dec. 29, 1884; *c.* Inez T., Olive L., Edith M., L. Ada, Helen E., Richard D., Lewis B., Hannah Moore.

Miner, Lester Ward, instr. agr. and asst. supt. schs., high-sch., Shelbyville, Ill.

Teach., high-sch., Urbana, Ill., 1915; Chicago Boys Sch., 1915; Belleville, Ill., 1916; present position, 1920-. 1st Lieut. Inf., 1917-9. —*b.* Shelbyville, Ill., Aug. 3, 1891; *s.* Thos. and Minnie (Ward) M.; reared in town. B.S., Univ. Ill., 1914. Alpha Gamma Rho.

Minkler, Frederick C., pres. The Amer. Inst. of Agr. and live-stock ed. Rural New-Yorker, 326 W. Madison St., Chicago, Ill.

Prof. an. husb., Rutgers Coll., 1906-17; vice-pres. Briarcliffe Farms, Inc., 1917-20; dir. Amer. Feed Manufacturers Assoc., 1920-2; present position, 1925-. Sec. and exec. officer, N. J. State Live-Stock Comn., 1908; mem. State Bd. Agr., 1908-; mem. Stallion Exec. Bd., 1908-. Traveled Great Britain and Europe, 1909-10, investigating live-stock. —*b.* Nevada, Ia., Nov. 11, 1881; *s.* Chas. M. and Ella (White) M.; reared on farm; *m.* Helen R. Andrews, Oct. 11, 1910; *c.* Rhoda, Frederick C. Jr., Marcus Whitman. B.S.A., Ia. State Coll., 1905; M.S., 1918.

Minnis, J. Fay, instr. voc. agr., high-sch., Appleton City, Mo.

Served in Inf., A. E. F. —*b.* Bogard, Mo., Jan. 23, 1895; *s.* Warren and Lennie M.; reared on farm; *m.* Ruth LaVerne Neale, June 20, 1923. B.S.A., Univ. Mo., 1921. Acacia.

Minteer, Claude Clinton, asst. prof. voc. educ., Univ. Neb., Lincoln, Neb.

Instr., high-sch., Panora, Ia., 1916-8; instr. voc. agr., high-sch., Humboldt, Ia., 1919; asst. state club leader, 1918-9; present position, 1920-. Served in U. S. Army, 1918. —*b.* Conrad, Ia., eb. 23, 1888; *s.* Jas. A. and Jennie A. (Simkins) M.; reared on farm; *m.* Susan E. Riches, June 11, 1924. B.S., Ia. State Coll., 1916; A.M., Univ. Neb., 1922. Lambda Chi Alpha; Gamma Sigma Delta; Phi Delta Kappa.

Mische, Emanuel Tillman, lands. arch., City Hall, Long Beach, Calif.

Lands. arch. with Olmsted Bros., 1897-1905; park supt., Madison, Wis., 1905-8; Portland, Ore., 1908-19. Fellow and trustee Amer. Soc. Lands. Arch.; pres. Amer. Assoc. Park Supts.; pres. Ore. Florists Club; pres. Portland City Club. Traveled in Europe. Ed. Parks and Recreation. —*b.* Syracuse, N. Y., Jan. 29, 1874; *s.* John Henry and Sophia (Nubbers) M.; reared in city; *m.* Nellie May Carpenter, 1898; *c.* Laura Dorothy, John Henry Lawrence, Olive Elizabeth, Clifford Tillman. Grad. Mo. Bot. Gard., 1896; Arnold Arboretum, 1896; student Royal Bot. Gard., Kew, England, 1896-7.

Misner, Edward Gardner, prof. farm manag., Cornell Univ., Ithaca, N. Y.

Instr. farm manag., Cornell Univ., 1914-8; asst. prof., 1918-20; prof., 1920-. —*b.* Dairyland, N. Y., Jan. 23, 1891; *s.* Henry and Helen (Blumenauer) M.; reared on farm; *m.* Marion Montrose, Apr. 9, 1914. B.S., Cornell Univ., 1913; Ph.D., 1918.

Mitchell, George Andrews, agt. irrig. invests., Bur. Public Roads, U. S. Dept. Agr., Vineland, N. J.

Farmer, 1896-; present position, 1913-. Sec. Pomona Grange Exp. Com. of Cumberland Co., N. J., 1905-8; dem., S. Jersey Dem. Soc., 1908-12. (Sewage irrig. for insts. and small towns). —*b.* Delhi, N. Y., May 10, 1868; *s.* Walter and Rebecca (Andrews) M.; reared on farm; *m.* Daisy L. Gilbert, Sept. 18, 1902; *c.* Gilbert, Mary R., Anna. B.S., Rutgers Coll., 1891; M.S., 1892; S.E., 1919. Phi Beta Kappa.

Mitchell, Harold Hanson, assoc. prof. an. nutr., Univ. Ill., Urbana, Ill.

Asst. chem., Ill. Exp. Sta., 1911-3; assoc. an. nutr., 1913-8; present position, 1918-. —*b.* Evanston, Ill., Jan. 22, 1886; *s.* Chas. Page and Clara M. (Hanson) M.; reared in town; *m.* Ethel Opal Kilbury, July 8, 1910; *c.* Donald S., David K., Robt. H., Marguerite E. A.B., Univ. Ill., 1909; M.S., 1913; Ph.D., 1915. Sigma Xi; Phi Lambda Upsilon.

Mitchell, Robert Vincent, superv. agrl. projects, Mass. Agr. Coll., Box 241, Taunton, Mass.

Poultryman, Penn. State Coll., 1908-9; asst. poultry husb., 1911-2; asst. poultry husb., Univ. Mo., 1912-3; prof. poultry husb., N. H. A. & M. Coll., 1913-7; prof. poultry husb., Del. Coll., 1917-8; summer of 1918 in war work with Food Research Bur., U. S. Dept. Chem.; prof. and head dept. poultry, Wash. State Coll., 1918-23; present position, 1924-. Sec.-treas, N. H. Poultry Growers Assoc.; dir. All Northwest Egg-Laying Contest. —*b.* Mahaffey, Pa., July 23, 1884; *s.* David Thos. and Margaret A. (Byers) M.; reared on farm; *m.* Charlotte Calvin Cochel, July 29, 1914. B.S., Univ. Mo., 1913.

Mitchell, Sertus Dumkin, teach. voc. agr., high-sch., Strawberry, Ark.

2d Lieut. Field Art., U. S. Army, 1918-9. —*b.* Chismville, Ark., Sept. 2, 1899; *s.* H. S. and Mittie (Florence) M.; reared on farm. B.S., Univ. Ark., 1921.

Mitchener, Alvin Valentine, asst. prof. ent., Man. Agr. Coll., Winnipeg, Man.

Pres. Man. Agr. Coll. Coop Assoc., 1922-5. —*b.* Port Rowan, Ont., Feb. 14, 1888; *s.* C. S. and Ida Frances M.; reared on farm; *m.* Myrta M. Gowdy, Sept. 16, 1919. B.A., McMaster Univ., 1914; B.S.A., Univ. Toronto, 1918.

Mobley, Mayor Dennis, assoc. prof. agrl. educ., in chg. practice sch., Winterville, Ga.

Supt. and teach. voc. agr., Wilkinson Co. High-Sch., 1922-3; teach. voc. agr., high-sch., Powder Springs, 1923-4; present position, 1924-. Sec.-treas. Winterville Pure Seed Assoc., 1924-. —*b.* Paulding Co., Ga., May 2, 1899; *s.* A. A. and Mary (Treglong) M.; reared on farm; *m.* Ethyleen Hartley, Nov. 5, 1921; *c.* Mary Dennis. B.S.A., Univ. Ga., 1923.

Moe, George Gordon, assoc. prof. agron., Univ. B. C., Vancouver, B. C.

Asst. to Dominion cerealist, Cent. Expl. Farm, Ottawa, 1914-9; asst. prof. agron., Univ. B.C., 1919-22; assoc. prof., 1922-. —*b.* Franklin Centre, Que., Oct. 16, 1889; *s.* Wm. J. and Marion S. (Goldie) M.; reared on farm. B.S.A., Macdonald Coll., 1914; M.Sc., McGill Univ., 1921.

Moffett, Wilbur Kline, dir. agrl. bur., Penn. State Chamber of Commerce, Harrisburg, Pa.

Cow tester, 1916-7; agrl. agt. Halifax Co., Va., 1917-20; manag. Middle Sex Farm, S. Boston, Va., 1918-20; field dir., 1920-2; farmer, 1922-3; sales dept., Purina Mills, 1923-4; present position, 1924-. —*b.* Philadelphia, Pa., Nov. 18, 1892; *s.* Robt. H. and Marion (Williams) M.; reared in country. Student Penn. State Coll., 1914-6.

Moffitt, Earle Lindsay, prof. farm manag. ext., Penn. State Coll., State College, Pa.

Instr. soils, crops and farm manag., Penn. State Coll., 1913-4; farm manag. dem., U. S. Dept. Agr. and Univ. Me., 1915-6; present position, 1917-. —*b.* near State College, Pa., Nov. 16, 1888; *s.* S. T. and Clara B. (Lindsay) M.; reared on farm; *m.* Helen B. Dietrich, Aug. 6, 1918; *c.* John Samuel. B.S., Penn. State Coll., 1913; M.S., Univ. Wis., 1923. Delta Tau Delta; Phi Kappa Phi; Gamma Sigma Delta.

Mohler, Jacob Christian, sec. Kans. State Bd. Agr., Topeka, Kans.

With Kans. State Bd. Agr., 1893-. Chm. Kans. State Ent. Comn.; pres. Sunflower Fire Insurance Co.; pres. The Central Seed Wheat Assoc.; vice-pres. The Kansans; vice-chm. The Coburn Memorial Com.; dir. Central Trust Co., Topeka; sec. Kans. Flood & Water Congress; sec. Kans. Council Nat. Defense; mem. State Adv. Bd., U. S. Fuel Adminis., and mem. state com., U. S. Food Adminis.; first sec. Kans. Agrl. Council; vice-pres. Nat. Assoc. Commissioners and Secretaries of Agr. Traveled in Europe. —*b.* Osborne Co., Kans., Apr. 7, 1875; *s.* Martin and Lucina (Hoover) M.; reared on farm; *m.* Ruth McClintock, Oct. 30, 1901; *c.* John McClintock, Jas. Calhoun, Marcia. LL.D., Washburn Coll., 1914. Gamma Sigma Delta.

Mohler, John Robbins, chief Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Practicing vet., 1896-7; asst. insp., Bur. An. Ind., 1897-9; asst. path., 1899-1901; zool., 1901-2; chief path. div., 1902-14; asst. chief of Bur., 1914-7; chief, 1917-. Sec. Intern. Tuberculosis Congress, Vet. Sect., 1908; vice-pres. U. S. Live-Stock Sanitary Assoc., 1909-10; pres. Amer. Vet. Med. Assoc., 1912-3; vice-pres. Intern. Vet. Congress, 1914; pres. Vet. Examining Bd., D. C., 1914-7. *Translator*: Ostertag's Handbook of Meat Inspection, 1904; Edelmann's Meat Hygiene, 1908; Hutyra and Marck's Special Pathology and Therapeutics of Domestic Animals, 1911; Ernst's Milk Hygiene, 1914. —*b.* Philadelphia, Pa., May 9, 1875; *s.* Wm. and Harriet Robbins (Hart) M.; reared on farm and in city; *m.* Clara Moffett Clarke, Dec. 23, 1897; *c.* Wm. Melvin, Miriam Clarke. V.M.D., Univ. Pa., 1896; Med. Dept., Marquette Univ., 1897-9; D.Sc., Ia. State Coll., 1920. Alpha Psi; Phi Kappa Phi.

Mohler, Robert Ellsworth, prof. agr. and Dean of Men, McPherson Coll., McPherson, Kans.

Asst. prof. agr., Kans. State Normal Sch., Emporia, summer, 1918. Mem. Kans. Acad. Sci.; Nat. Acad. Sci. —*b.* Red Cloud, Neb., Mar. 13, 1886; *s.* Edwin and Sarah (Wagoner) M.; reared on farm; *m.* Velma Landis, June 22, 1913; *c.* Elizabeth Ann, Richard Ellsworth. A.B., Mt. Morris Coll., Ill., 1912; M.S., Kans. State Agr. Coll., 1916; grad. student Univ. Wis., 1924-5.

Moist, Albert Reynolds, rice farmer, Abbeville, La.

Field manag., Buffalo Creek Farm, Arlington Heights, Ill., 1909; farm supt., Waddington Farm, Elm Grove, W. Va., 1910; general manag., Sheffield Farms, Glendale, O., 1910-4; livestock agt., U. S. Dept. Agr. and La. State Univ., 1914-6; rice farmer, 1917-. —*b.* Clayton, O., Dec. 7, 1882; *s.* John F. and Sarah E. (Ralston) M.; reared on farm; *m.* Nov. 1917. B.S., Ohio State Univ., 1908. Delta Theta Sigma.

Moles, Hunter Stephen, asst. dir. ext., N. Mex. A. & M. Coll., State College, N. Mex.

Teach. high-sch., Greeley, Colo., 1914; manag. E. N. Clark ranches, Model, Colo., 1915-7; co. agrl. agt., Aztec, N. Mex., 1917-20; co. agt. leader, N. Mex. A. & M. Coll., 1920-2; asst. dir. ext., 1922-. Traveled in Great Britain, 1910. *Auth.*: Ranger District Number Five. —*b.* Canon City, Colo., June 17, 1891; *s.* O. S. and Mary L. (Hunter) M.; *m.* Pauline S. Warner, Aug. 7, 1915; *c.* Robt. Hunter, Oliver Walton, Arthur Stephen. B.S., Colo. Agr. Coll., 1913. Alpha Zeta.

Molsberry, Wilbur Winfred, teach. agr. and supt. schs., Strahan, Ia.

Manag. dairy farm, Plymouth, Ia., 1 yr.; instr. agr., Ia. State Teach. Coll., summer 1921, 1924-5. Served in World War. —*b.* Plymouth, Ia., June 3, 1895; *s.* C. A. and Lora (Obrecht) M.; reared on farm; *m.* Jessie E. Gue, Jan. 26, 1918; *c.* Merrill Keith, Joyce Evelyn. B.S., Ia. State Coll., 1919.

Monahan, William Collins, ext. prof. poultry husb., Mass. Agr. Coll., Amherst, Mass.

Ext. poultry specialist, Univ. Me., 1914-7; specialist in poultry handling, U. S. Dept. Agr., 1917-8; present position, 1918-. —*b.* Framingham, Mass., Apr. 26, 1889; *s.* Michael Frances and Johanna (Coleman) M.; reared on farm; *m.* Esther H. Ralston, Oct. 7, 1915; *c.* Ruth Elizabeth, Robt. B.S., Univ. Me.

Monk, James William, instr. voc. agr. and supt. high-sch., Hempstead, Tex.

Teach. rural schs., Shelby Co., Tex., 3 yrs. Served in A. E. F., 1918-9. —*b.* Center, Tex., Mar. 3, 1896; *s.* Jas. Sidney and Martha Ida (Williams) M.; reared on farm; *m.* Thelma Jacquelin Taylor; *c.* Marvin Milton. B.S., Tex. A. & M. Coll.

Monroe, Charley Fraser, dir. ext., N. Mex. A. & M. Coll., State College, N. Mex.

Grad. student and asst. an. husb., Wash. State Coll., 1911; instr. an. husb., 1911-2; asst. prof., 1912-4; assoc. prof., 1914-5; co. agt., Montesano, Wash., 1915-8; asst. co. agt. leader, Wash. State Coll., 1918-9; co. agt. leader, N. Mex. A. & M. Coll., 1919; dir. ext., 1919-. (An. husb.). —*b.* Butler Co., Ia., Nov. 18, 1884; *s.* John and Clara (Glenn) M.; reared on farm; *m.* Gladys Grubbe, June 16, 1914. B.S.A., Ia. State Coll., 1908; M.Agr., 1920. Alpha Tau Omega; Gamma Sigma Delta.

Monroe, Merle Orion, co. agrl. agt., Tyndall, S. D.

Instr. and dir. expl. farm, high-sch., Toppenish, Wash., 1915-7; ed. Toppenish Tribune, 1917; agrl. agt. Bingham Co., Ida., 1917-20; Bon Homme Co., S. D., 1921-. Sec. Blackfoot Commercial Club, Ida., 1920; sec. Southeastern Ida. Fair, 1920. —*b.* Gratiot, O., Aug. 7, 1890; *s.* Levi Grant and Sarah Estella (Kreager) M.; reared on farm; *m.* Belva Lockwood Burcham, June 14, 1912. B.S.A., Wash. State Coll., 1915. Alpha Zeta; Kappa Sigma; Theta Nu Epsilon.

Monsch, Helen, prof. home econ., Cornell Univ., Ithaca, N. Y.

Substitute teach. foods, Kans. State Agr. Coll., 1904-5; teach. foods, Sch.

Dom. Arts and Sci., Chicago, 1907-9; head home econ., public schs., Gary Ind., 1909-13; instr. foods and nutr., Simmons Coll., 1913-4; head dept. foods and nutr., Ia. State Coll., 1914-8; present position, 1918-. (Child feeding). —*b.* Louisville, Ky., Jan. 28, 1881; *d.* Henry J. and Mary (Braymen) M.; reared in city. B.S., Kans. State Agr. Coll., 1904; B.S., Univ. Chicago, 1909; M.A., Columbia Univ., 1916. Omicron Nu; Phi Kappa Phi; Pi Lambda Theta.

Montgomery, Alexander William, rose-grower, Hadley, Mass.

General manag. Montgomery Co., Inc., 1898-. (Hybridizing indoor roses). —*b.* Dover, Mass., Aug. 20, 1875; *s.* Alexander and Elizabeth (Hill) M.; reared in town; *m.* Margaret Wade, 1899; *c.* Grace, Marion, Doris, Alexander. Student Mass. Agr. Coll.

Montgomery, Edward Gerrard, chief Foodstuffs Div., U. S. Dept. Commerce, 19th and Pennsylvania Ave., Washington, D. C.

Prof. expl. agron., Univ. Neb., 1906-11; prof. farm crops, Cornell Univ., 1912-20; chief foreign marketing, U. S. Dept. Agr., 1920-1; present position, 1921-. *Auth.*: (with T. L. Lyon) Examining and Grading Grains, 1906; Corn Crops, 1912; Productive Farm Crops, 1916. (Cereals, pasture manag.). —*b.* Milan, Mo., May 10, 1878; *s.* R. S. and Elizabeth (Mooney) M.; *m.* Ruth Bell, June 18, 1908. B.S., Univ. Neb., 1906; A.M., 1909. Sigma Xi; Alpha Zeta.

Montgomery, Ira, teach. voc. agr., high-sch., Faribault, Minn.

Instr. agr., high-sch., Deephaven, Minn., 1916-8; co. club leader and agrl. agt. Hennepin Co., 1919; instr. agr., high-sch., Pine City, 1920; ext. lect., Man. Agr. Coll., 1921; teach. voc. agr., high-sch., Grafton, N. D., 1922-4; present position, 1924-. Served in A. E. F., 1918. —*b.* Sleepy Eye, Minn., Apr. 20, 1892; *s.* Jas. and Margaret (Hyslop) M.; reared on farm; *m.* Madge Porter, June 16, 1924. B.S., Univ. Minn., 1916. Alpha Zeta.

Montgomery, John Theodore, specialist live-stock production, U. S. Dept. Agr., Rupert, Ida.

Farmer, Ind., 1909-17; manag. Murdock Farms Co., 1915-7; consulting agrst., Henry Co. Farm Bur., Cambridge, Ill., 1917-21. —*b.* Rochester, Ind., Feb. 26, 1878; *s.* Francis C. and Elizabeth (Ellis) M.; reared on farm; *m.* Colleen Urmston, July 16, 1898; *c.* Kathryn E., John Frank. B.S., Purdue Univ. Alpha Zeta; Acacia.

Montgomery, Joseph Shaw, general manag. Cent. Coop. Comn. Assoc., 520 Live Stock Exchange Bldg., S. St. Paul, Minn.

Agt., Bur. An. Ind., U. S. Dept. Agr., 1907-8; asst. an. husb., Estacron Cent. Agronomica de Cuba, 1908-9; asst., prof. an. husb., Univ. Minn., 1911-8; assoc. prof., 1918; supt. live-stock, Clinton Falls Nursery Co., Owatonna, 1918-20; live-stock specialist, Univ. Minn., 1920-1; field rep. and organization manag., Cent. Coop. Comn. Assoc., 1921-2; general manag., 1922-. Vice-pres. Nat. Assoc. of Stallion Reg. Bds.; exec. officer Minn. Stallion Reg. Bd.; pres. Minn. Cattle Breeders Assoc.; dir. Minn. Hereford Breeders Assoc.; dir. Steele Co. Farm Bur. (Horses, beef cattle). —*b.* Chase Co., Kans., Dec. 1, 1885; *s.* P. D. and Sarah J. (Brooks) M.; reared on farm; *m.* Grace E. Leuszler, Sept. 20, 1911; *c.* Margaret, Robt. Dudley, Joseph Brooks, Andrew L. B.S.A., Kans. State Agr. Coll., 1907.

Montgomery, Lewis Marion, prof. hort., Ohio State Univ., Columbus, O.

Asst. prof. hort. and bot., Okla. A. & M. Coll., 1908-9; asst. prof. hort., Ohio State Univ., 1910-4; prof., 1914-. Sec. O. Veg. Growers Assoc., 1916-; sec. Columbus Hort. Soc., 1913-7. (Veg. gard.). —*b.* Assumption, Ill., Apr. 9, 1877; *s.* Wm. A. and Mary Ann (McKinnie) M.; reared on farm; *m.* Anna L. Thayer, June 16, 1908; *c.* Emily Frances, Marietta Ruth. B.S., Colo. Agr. Coll., 1907; M.S., Ohio State Univ., 1910.

Montillon, Eugene Davis, asst. prof. lands. design, Cornell Univ., Ithaca, N. Y.

Instr. lands. design, Cornell Univ., 1912-7; asst. prof., 1917-. —*b.* Buffalo, N. Y., Oct. 18, 1883; *s.* Geo. Frederick and Abbie M. (Davis) M.; reared in city and country; *m.* Clara Muriel Briggs, June 16, 1917. B.Arch., Cornell Univ., 1912.

Mooers, Charles Ansel, dir. and agron., Tenn. Exp. Sta., Knoxville, Tenn.

Asst. chem., Tenn. Exp. Sta., 1893-8; chem., N. La. Sta., 1898-9; chem., Tenn. Exp. Sta., 1899-1905; asst. prof. agrl. chem. and agron. and chem. Exp. Sta., Univ. Tenn., 1905-7; prof., 1907-11; chem. and agron., 1911-9; vice-dir. and agron., 1920-2; dir. and agron., 1923-. *Asst. ed.,* Journal of Amer. Soc. of Agron.; consulting ed. Soil Science. —*b.* Solon, Me., Dec. 8, 1869; *s.* Jas. H. and Ellen C. (Tobey) M.; reared on farm and in town; *m.* Gertrude Broome, June 23, 1896; *c.* Geo. Ansel. B.S., Univ. Tenn., 1893.

Moomaw, Leroy, assoc. agron., Off. Dry Land Agr., U. S. Dept. Agr. and supt. Dickinson Substa., Dickinson, N. D.

Sci. asst., Off. Forage Crop Invests., U. S. Dept. Agr., 1915-7; present position, 1919-. Field Art., U. S. Army, 1918. —*b.* Clinton, Mo., Jan. 5, 1889; *s.* Jas. M. and Angie M. (Duncan) M.; reared on farm. B.S.A., Univ. Mo., 1915. Alpha Zeta.

Moon, Henry T., nurseryman and farmer, Morrisville, Pa.

Treas. and general manag., Wm. H. Moon Co. Mem. Pa. State Agrl. Comn., 4 yrs. —*b.* Morrisville, Pa., Dec. 21, 1879; *s.* Wm. H. and Ellen M. (Taylor) M.; reared on farm; *m.* Julia French Haines; *c.* Howard Haines, Wm. H. 2d, Henry T. Jr. Student Cornell Univ., winter, 1900.

Moon, James Edward, nurseryman, Morrisville, Pa.

Sec. Wm. H. Moon Co. Pres. Amer. Assoc. Nurserymen, 1920; del. to Nat. Farm Conference, 1921; comnr. Washington Crossings Park, State of Pa. (Ornamental hort.). —*b.* Morrisville, Pa., Mar. 22, 1883; *s.* Wm. H. and Ellen (Taylor) M.; reared in country; *m.* Mary P. Brown, 1907.

Moore, Anne B., co. club agt., Georgetown, Del.

Farmer, 1913-8; home dem. agt., Florence, S. C., 1920-3. —*b.* Aldie, Va., Dec. 14, 1881; *d.* Alex B. and Lucy (Berkeley) M.; reared on farm.

Moore, Fred F., co. agrl. agt., Wheaton, Minn.

Manag. Hines Farm, Olivia, Minn., 1 yr.; manag. Homestead Farming Co., Cavalier, N. D., 1 yr. Capt. Inf., U. S. Army, 1918-20; received D. S. O. and Croix de Guerre. —*b.* Stewart, Minn., June 20, 1888; *s.* Willis D. and Carrie M. (Olsen) M.; reared on farm. B.S.A., Univ. Minn., 1914.

Moore, Henry Carleton, ext. specialist hort., Mich. State Coll., E. Lansing, Mich.

Supt. grounds, H. T. Gause estate, Wilmington, Del., 1910-1; with J. G. Harrison & Sons, nurserymen, Berlin, Md., 1911-2; supt. H. F. Baker, lands. gard., Minneapolis, 1915-7; present position, 1919-. Sec.-treas. Mich. Potato Producers Assoc. Lieut. Field Art., U. S. Army, 1917-9. —*b.* Laurel, Del., Dec. 23, 1889; *s.* Henry W. and Florence E. (Small) M.; reared on farm; *m.* Cornelia Ferris Kephart, Sept. 2, 1916; *c.* Virginia, Jeanette, Susan Evelyn. B.S., Cornell Univ., 1915.

Moore, James Garfield, prof. hort., Univ. Wis., Madison, Wis.

Instr. hort., Univ. Wis., 1905-7; asst. prof., 1907-10; assoc. prof., 1910-6; prof., 1916-. *Revisor*: (with L. R. Jones) Goff's Principles of Plant Culture, 1916. (Pom.). —*b.* Shepherd, Mich., Oct. 22, 1881; *s.* Jas. W. and Mary E. (McCauley) M.; reared on farm; *m.* M. Josephine Hibbard, Oct. 15, 1910; *c.* Elizabeth Adelle, Josephine Louise. B.S., Mich. Agr. Coll., 1903; M.S., 1905; M. Hort., 1909. Alpha Zeta.

Moore, James Irving, teach. voc. agr. and princ. high-sch., Calvert, Tex.

Supt. Robertson Co. Fair, Tex., 1924. Pres. Robertson Co. Poultry Assoc., 1925. —*b.* Sarepta, La., Sept. 5. 1890; *s.* Wm. A. and Emma (Powell) M.; reared on farm and in town; *m.* Della

Mae Hill, Oct. 2, 1921. A.B., Simmons Univ., 1913; B.S.A., Tex. A. & M. Coll., 1922.

Moore, Kingman C., owner and manag. Wahoo Sub-Tropical Nurseries, Pompano, Fla.

Teach. agr. and manag. farm, State Agrl. Sch., Tifton, Ga., 1908-12; teach. State Normal Sch. for Women, Fredericksburg, Va., 1913-4; agrl. agt. Spotsylvania Co., Va., 1913-5; distr. agrl. agt., Tidewater, Va., 1915-8; co. agrl. agt., Ocala, Fla., 1921-5. —*b.* Knoxville, Ga., Aug. 2, 1876; *s.* Kingman P. and Sarah (Milner) M.; reared in country and city; *m.* Nellie B. Hunt, Dec. 1907; *c.* Kingman C. Jr., Laura Ellen. B.S., Mercer Univ.. Macon, Ga., 1897; student Cornell Univ., 1905-6. Kappa Alpha.

Moore, Merton, sales and advertising manag., Carnation Milk Farms, Oconomowoc, Wis.

Manag. truck farm, 1913-; asst. manag., A. Sherman Lumber Co. farm, N. Y., 1914-; herdsman, 1915-; prof. sci., Shawano high-sch., 1916; co. agt., 1917; asst. state leader co. agts., Univ. Wis., 1919; sales manag., Carnation Milk Farms, Chicago, 1920-1; sales and advertising manag., Seattle, Wash. and Oconomowoc, Wis., 1921-. Sec. Shawano Co. Potato Growers Assoc., 1917; sec. Wis. Order Exp. Sta., Shawano Co., 1918. *Ed.*, Carnation Milk Farm News, 1920-5. —*b.* Potsdam, N. Y., May 28, 1892; *s.* Frank W. and Jessie C. (Crane) M.; reared in town. B.S., Univ. Wis., 1916. Delta Upsilon; Alpha Zeta.

Moore, Milton Donaldson, co. agrl. agt., Hagerstown, Md.

General farmer, Greenville Co., S. C., 1900-. Ed. an. husb. and dairying, Exp. Sta. Record, 1911-8; co. agrl. agt., Laurens, S. C., 1918-20; teach. agr. high-sch., Simpsonville, S. C., 1920-2. —*b.* Greenville Co., S. C., Sept. 17, 1879; *s.* Wm. S. and Frances E. (Henderson) M.; reared on farm; *m.* Margaret J. Van Vleck, Mar. 27, 1903; *c.* M. Jessie, Minnie A., Amy B., Milton D. Jr., Cabell W. A.B., Geo. Washington Univ., 1913; M.S., Univ. Wis., 1917.

Moore, Orville Freneau, teach. voc. agr. and supt. schs., Lake Park, Ia.

b. Brown Co., Ind., Sept. 25, 1892; *s.* Wm. Grant and Nancy Minerva (Downey) M.; reared on farm; *m.* Jenny Leona Thurston, Jan. 30, 1915; *c.* Merry Ruth, Veva Verna. B.S., Ia. State Coll., 1920; M.S., 1925. Phi Kappa Phi.

Moore, Otis Henry, country minister, Elwood, Ia.

Pastor country churches, 7 yrs. Sec. Hartford Co. League, 1917-8. Rural leadership, Cornell Coll., 1919-21. *Joint auth.*: Solving the Country Church Problem. —*b.* Sibley, Ia., Aug. 27, 1881; *s.* Wallace M. and Mary H. (Tipple) M.; reared in village; *m.* Alice Rigby, June 20, 1911; *c.* Alice Fellows, Mary Ellen, Richard Wallace. A.B., Cornell Coll., 1905; student Columbia Univ., 1906-7; Boston Univ. Sch. Theol., 3 yrs.

Moore, Ralph Erskine, agrl. missionary, Assoc. Reform Presbyterian Church, Montgomery, Punjab, India.

Formerly teach. agr., high-sch., Brownsburg, Va. With U. S. Ambulance Serv., 1917-9. —*b.* Raphine, Va., Jan. 21, 1896; *s.* Wm. C. and Lizzie (Carson) M.; reared on farm; *m.* Ida Saville, June 1925. B.S., Va. Poly. Inst., 1922; M.S., 1923. Phi Kappa Phi.

Moore, Ransom Asa, prof. agron., Univ. Wis., Madison, Wis.

Teach. rural schs., 1882-8; princ. graded schs., 1888-90; co. supt. schs., 1890-5; asst. to Prof. Henry, Univ. Wis., 1895; prof. agron., 1903-. Sec. Wis. Exp. Assoc., 1901-. —*b.* Kewaunee, Wis., June 5, 1861; *s.* Seth and Johanna (Werner) M.; reared on farm; *m.* Nettie Rogers, July 17, 1889; *c.* Geo. E. Alpha Zeta.

Moore, Tillman Marion, teach. voc. agr., high-sch., Canyon, Tex.

b. Kurten, Tex., July 6, 1898; *s.* John Marion and Tillie (Chatham) M.; reared on farm; *m.* Velma Truett, Aug. 30, 1922. Grad. Sam Houston State Teach. Coll., 1919; B.S., Tex. A. & M. Coll.

Moore, Veranus Alva, dir. and dean, N. Y. State Vet. Coll., Cornell Univ., Ithaca, N. Y.

With Bur. An. Ind., U. S. Dept. Agr., 1887-96; prof. comp. path., bact. and meat insp., Cornell Univ., 1896-; dean and dir., State Vet. Coll., 1908-; mem. Intern. Tuberculosis Comn.; State Tuberculosis Comn. of N. Y. Del. Intern. Vet. Congress, Budapest, 1905. *Auth.*: Laboratory Directions for Beginners in Bacteriology, 1900; Principles of Microbiology, 1912; Bovine Tuberculosis and Its Control, 1913; Pathology and Differential Diagnosis of Infectious Diseases of Animals, 4th ed., 1916. —*b.* Houndsfield, N. Y., Apr. 13, 1859; *s.* Alva and Antoinette Elizabeth (Eastman) M.; reared on farm; *m.* Mary L. Slawson, July 12, 1892; *c.* Erwin V., Mary E., Norman S. B.S., Cornell Univ., 1887; M.D., Columbian (now Geo. Washington) Univ., 1890; V.M.D., Univ. Penn., 1911; D.Sc., Syracuse Univ., 1919. Sigma Xi; Phi Kappa Phi; Nu Sigma Nu.

Moore, Virginia Pearl, asst. state home dem. agt., State Coll. for Women, Tallahassee, and Univ. Fla., Gainesville, Fla.

State organizer sch. improvement, Tenn. State Dept. Educ., 1908-11; state agt. girls canning clubs, 1911-4; asst. dir. and state agt. dem. work, Univ. Tenn., 1914-9; farmer and manag. tearoom, 1921-3; present position, 1923-. Rep. food conservation, Tenn., World War; mem. State Nat. Council of Defense. —*b.* Gallatin, Tenn.; *d.* Armstead and Louia Virginia (Crenshaw) M.; reared on farm. Student Howard Female Coll., Gallatin, Tenn., and Peabody Normal Coll.; student Chautauqua, N. Y., 8 summers.

Moore, William, chief ent., Amer. Cyanamide Co., New York, N. Y.

Asst. bot., Cornell Univ., 1909-10; lect. ent. and zool., Sch. Agr., Potchefstrom, S. Africa, 1910-3; asst. and assoc. prof. ent., Univ. Minn., 1913-21; agt., U. S. Bur. Ent., 1921-3; present position, 1923-. Invest. methods of control for clothes louse, Nat. Res. Council. *Auth.*: South African Insects Injurious to Man and Domesticated Animals, 1912. (Insecticides). —*b.* Phoenixville, Pa., Jan. 29, 1887; *s.* Joseph and Sarah (Bell) M.; reared in town; *m.* Mary E. Behney, Mar. 11, 1910; *c.* Wm. A., Joseph B., Richard C. A.B., Ursinus Coll., 1907; Ph.D., Cornell Univ., 1920.

Moorhouse, Harold William, dir. agrl. res. div., Brookmire Econ. Serv., Inc., 58 E. Washington St., Chicago, Ill.

Farmer, Imperial Co., Calif., 1906-13; prof. econ. and marketing, Oklahoma A. & M. Coll., 1913-20; dean commerce and marketing, 1914-20; dir. econ. res. dept., Amer. Farm Bur. Fed., 1921-4; lect. in econ. Northwestern Univ., 1920-2; present position, 1924-. Mem. Calif. Legislature, 1911-3; mem. Okla. State Market Comn., 1917-8. —*b.* Breckenridge, Mo., Jan. 19, 1884; *s.* Robt. C. and Alcedena (Pease) M.; reared in town: *m.* Lucile Dillon, Aug. 8, 1917. A.B., Beloit Coll., 1906; M.B.A., Northwestern Univ., 1921. Sigma Chi; Alpha Kappa Psi.

Moorhouse, Llewellyn, prof. in chg. dept. econ. and sociol., Colo. Agr. Coll., Ft. Collins, Colo.

Asst. soils and crops, Okla. A. & M. Coll., 1902-5; prof. agron., 1906-10; agt. Dept. Agr., Denver, 1910-2; field husb., Man. Agr. Coll., 1912-4; agrst. and assoc. farm econ., 1914-21; present position, 1921-. *Ed.* Journal of Farm Economics, 1918-21. *Auth.*: The Management of the Farm, 1925. —*b.* Cairo, Ont., Apr. 26, 1875 (naturalized 1921); *s.* Robt. and Louisa Sage (Culham) M.; reared on farm; *m.* Mary Arnettie Coburn, Dec. 25, 1910; *c.* Louise E., Mary Mildred. B.S.A., Univ. Toronto, 1902; M.S., Univ. Ill., 1906. Sigma Xi; Alpha Zeta.

Moot, Edmund Northrup, co. agrl. agt., Ithaca, N. Y.

b. Richmondville, N. Y., Nov. 27, 1899; *s.* Floyd and Nellie (Bennett) M.; reared on farm; *m.* Florence Elorsa Jump, Aug. 15, 1923. B.S., Cornell Univ., 1922. Alpha Zeta.

Moran, Fred, teach. voc. agr. and princ. high-sch., Fountain Hill, Ark.

House surgeon, Dr. English Vet. Hospital, 1915-6; resident state deputy vet.

surgeon, Choteau, Mont., 1917-20; farmer, 1916-20; teach. voc. agr., Milligan, Neb., 1921-2; Pea Ridge, Ark., 1923-4; Fountain Hill, Ark., 1924-. Traveled in Europe, 1906. —*b.* Paterson, N. J., Nov. 14, 1884; *s.* Jas. and Bertha (Clegg) M.; reared in city; *m.* L. Orene Smith, June 1920; *c.* Mary Hazel, Orene Fenton. D.V.M., Mich. State Coll., 1915.

Morbeck, George C., wood technologist. For. Products Lab., Madison, Wis.

Asst. prof. for., Ia. State Coll., 1912-4; assoc. prof., 1914-22; wood technologist, U. S. For. Serv., 1922-. Rep. in Ida. Legislature, 1909-11. —*b.* Ingalls, Mich., Nov. 8, 1883; *s.* Chas. T. and Constance C. (Anderson) M.; reared in small town; *m.* Mary C. Olson, Aug. 19, 1912; *c.* Dorothy Marion, Robt. Chas. B.S., Mich. Agr. Coll., 1904; M.F., 1915. Alpha Zeta; Gamma Sigma Delta.

Mordoff, Richard Alan, prof. meteorology, Cornell Univ., Ithaca, N. Y.

2d Lieut. Inf., U. S. Army, 1918. —*b.* Scottsville, N. Y., June 23, 1886; *s.* Chas. Hiram and Helen (Emerson) M.; reared in village; *m.* Laura Colvin Fish, Aug. 4, 1914; *c.* Helen Lee, Marjorie Elizabeth, Richard A. Jr. B.S.A., Cornell Univ., 1911; A.M., 1918; Ph.D., 1921.

Morgan, Agnes Fay, prof. household sci., Univ. Calif., Berkeley, Calif.

Instr. chem., Univ. Wash., 1910-3; present position, 1915-. —*b.* Peoria, Ill., May 4, 1884; *d.* P. J. and Mary (Dooley) Fay; reared in city; *m.* Arthur I. Morgan, May 17, 1908. B.S., Univ. Chicago, 1904; M.S., 1905; Ph.D., 1914. Phi Beta Kappa; Sigma Xi.

Morgan, Alfred Cockman, ent. southern field crop insect invests., U. S. Bur. Ent., Clarksville, Tenn.

(Thysanoptera, tobacco insects). —*b.* near Seaford, Del., Jan. 19, 1876; *s.* Isaac J. and Rajinia (Cannon) M.; reared on farm; *m.* Stella R. Thayer, Dec. 18, 1906. B.S.A., Cornell Univ., 1904.

Morgan, Charles Lee, assoc. prof. an. husb., Clemson Agr. Coll., Clemson College, S. C.

Emergency agrl. dem. agt., 1918; asst. prof. an. husb., Clemson Agr. Coll., 1919-20; ext. an. husb., 1920-1; assoc. prof., 1922-. 2d Lieut., Q. M. C., U. S. Army, 1918. —*b.* Sirocco, Ky., Jan. 25, 1895; *s.* C. H. and Althea (Wiles) M.; reared on farm. B.S.A., Univ. Ky., 1918. Alpha Zeta.

Morgan, Ezra Leonidas, prof. rural sociol. in chg. public welfare training, Univ. Mo., Columbia, Mo.

Chm. Mo. State Council Social Agencies; mem. exec. com. Amer. Country Life Assoc.; formerly, ext. prof. community organization, Mass. Agr. Coll. —*b.* Bone Gap, Ill., Aug. 22, 1879; *s.* Allen T. and Rosina A. (Smith) M.; reared on farm; *m.* Mary F. Flint, 1906; *c.* Elizabeth, Esther, Mary, Ruth. A.B., McKendree Coll., Lebanon, Ill., 1904; A.M., Univ. Wis., 1912. Alpha Gamma Rho; Alpha Pi Zeta; Gamma Sigma Delta.

Morgan, Geoffrey, sec. Ky. Farm Bur. Fed., Lexington, Ky.

Stock farmer, Madison Co., Ky., 1898-1913; agrl. agt., Christian Co., 1913-4; distr. agrl. agt., 1915; state agt., 1916-8; asst. dir. ext., 1919-20; present position, 1920-. —*b.* Stafford, England, July 31, 1877 (naturalized 1915); *s.* John and Cecil Maria (Waddell) M.; reared in city; *m.* Sara Embry White, Nov. 1905; *c.* Geoffrey Jr., John White.

Morgan, George Walter, supt. N. Mont. Exp. Sta., Havre, Mont.

Forage crop invest., U. S. Dept. Agr., Akron, Colo., 1912; chg. dry-land agr. invests., Huntley, Mont., 1913-5; present position, 1915-. —*b.* Jarbalo, Kans., Feb. 10, 1885; *s.* Lyman J. and Jennie E. (Denholm) M.; reared on farm. B.S., Mont. State Coll., 1912.

Morgan, Harcourt Alexander, pres. Univ. Tenn., Knoxville, Tenn.

Prof. ent. and hort., La. State Univ., 1889-93; prof. zool. and ent., 1893-4; ent., La. Exp. Sta., 1889-1904; ent. and sec. La. Crop Pest Com., 1904-5; dir. Gulf Biol. Sta., 1899-1905; dean Coll. Agr. and dir. Exp. Sta., prof. zool. and

ent., Univ. Tenn., 1905-19; present position, 1919-. Fellow A. A. A. S. Pres. Assoc. Econ. Ent., 1907. Mem. Amer. Comn. for Study Rural Credits and Coop. in Europe, 1913. —*b.* Kerrwood, Ont., Aug. 31, 1867 (naturalized 1891); *s.* John and Rebecca (Trueman) M.; reared on farm; *m.* Sara Elizabeth Fay, June 25, 1895; *c.* Edwa Fay, John Elmore, Lucy Shields, Harcourt Alexander. Assoc. Ont. Agr. Coll., 1887; B.S.A., Univ. Toronto, 1889; grad. student, Cornell Univ., 1892, 1898.

Morgan, James Oscar, prof. agron., Tex. A. & M. Coll., College Station, Tex.

Asst. expl. agron., Cornell Univ., 1908-9; prof. agron., Miss. A. & M. Coll., 1909-12; present position, 1912-. *Auth.*: Field Crops for the Cotton-Belt, 1917. —*b.* Etowah, N. C., May 8, 1880; *s.* Jas. Wilson and Orrie (Osgood) M.; reared on farm; *m.* Mildred Washington Minor, June 1, 1911; *c.* Lucian Minor, Jas. O. Jr. B.Agr., N. C. A. & M. Coll., 1905; M.S.A., Cornell Univ., 1908; Ph.D., 1909. Sigma Xi; Alpha Zeta.

Morgan, Joy Elmer, dir. Div. of Publications and ed. Journal of Nat. Educ. Assoc., 1201 Sixteenth St., N. W., Washington, D. C.

Princ. sch., University Place, Neb., 1910-1; supt. sch., Bloomington, Neb., 1911-3; supt. sch., Guide Rock, Neb., 1913-7; camp librarian, Camp MacArthur, Waco, Tex., 1917-8; asst., Library War Serv., Washington, 1919. Mem. exec. com. and chm. com. on standards, Educ. Press Assoc. of Amer. (Rural library serv.). —*b.* Calloway, Neb., Dec. 11, 1889; *s.* Wesley and Jennie (Nelson) M.; reared on farm; *m.* Frances Willard Blake, June 14, 1912. A.B., Univ. Neb., 1917; B.L.S., N. Y. State Library Sch., 1920. Phi Delta Kappa.

Morgan, Max, dir. dairy serv. dept., Fairmont Creamery Co., Moorhead, Minn.

Co. agrl. agt., 1918-21; ext. live-stock specialist, N. D. Agr. Coll., 1921-4. Sec. N. D. Dairy Development Assoc. —*b.* Clarence, Ia., Oct. 25, 1893; *s.* J. H. and May L. (Houghton) M.; reared in town and on farm; *m.* Marian Fry, June 7, 1923. B.S.A., Ia. State Coll., 1918. Beta Theta Pi.

Morgan, Ora Sherman, prof. agr., Columbia Univ., New York, N. Y.

Dir. N. Y. State Sch. Agr., Alfred Univ., 1908-12; present position, 1911-. Traveled in Europe, 1910. Mem. food problem com. of Merchants Assoc. of N. Y.; agrl. adv. Distr. (Draft) Bd. of City of N. Y. —*b.* Hampshire, Ill., Aug. 11, 1877; *s.* Lyman Delos and Elizabeth Ann (Helmar) M.; reared on farm; *m.* Rose LeVille Huff, Oct. 4, 1908. A.B., Univ. Ill., 1905; M.S.A., Cornell Univ., 1907; Ph.D., 1909. Sigma Xi; Gamma Alpha.

Morgan, Thomas W., co. agrl. agt., McCormick, S. C.

Teach. voc. agr., high-sch., Orangeburg, S. C., 1922-4; agrl. agt. McCormick Co., 1924-. —*b.* Wellford, S. C., Aug. 1, 1900; *s.* J. T. and Edith (Webber) M.; reared on farm. B.S., Clemson Agr. Coll., 1922.

Morgan, Victor, teach. agr. and princ. high-sch., Omak, Wash.

Served in U. S. Army, 1918. —*b.* Spokane, Wash., Dec. 24, 1892; *s.* Rasmus and Marie (Rasmussen) M.: reared on farm; *m.* Ethel Ahlberg, June 20, 1924. B.S.A., Wash. State Coll., 1917.

Morley, Lewis William, prof. dairy manufacture ext., Penn. State Coll., State College, Pa.

Teach., Univ. Mo., 1917-8; present position, 1919-. Served in U. S. Army, 1918. —*b.* Gold, Pa., June 4, 1891; *s.* Jasper W. and Eliza L. (Rogers) M.; reared on farm; *m.* Louise Hazel Howe, July 25, 1917; *c.* Elizabeth Louise, Donald Howe. B.S.A., Univ. Mo., 1917; M.S.A., Penn. State Coll., 1921. Gamma Alpha; Alpha Gamma Phi.

Morman, James Bale, econ., Fed. Farm Loan Bd., Kensington, Md., and Holly Hill, Fla.

Poultry-breeder and gardener, Md., 1904-. Mem. from Md., Amer. Comn.

for Study Rural Credits in Europe, 1913. *Auth.*: Principles of Social Progress, 1900; The Principles of Rural Credits, 1915; The Place of Agriculture in Reconstruction, 1919; Farm Credits in the United States and Canada, 1924. —*b.* Ilfracombe, England, July 7, 1868 (naturalized 1899); *s.* Thos. and Anne (Bale) M.; reared in country; *m.* Harriet Janette Cogswell, Nov. 1, 1897. A.B., Univ. Rochester, 1890; A.M., 1900. Phi Beta Kappa; Delta Upsilon.

Morrey, Charles Bradfield, prof. bact., Ohio State Univ., Columbus, O.

Asst. Latin, Ohio State Univ., 1890-1; asst. Latin and physiology, 1891-2; asst. physiology, 1892-7; asst. prof., 1899-1902; assoc. prof., 1902-3; prof. physiology, Starling Med. Coll., 1899-1904; acting prof. chem. 1896-7; present position, 1904-. Del. to Intern. Congress on Tuberculosis, Washington, 1908. Mem. O. Acad. Sci. Traveled and studied in Europe, 3 yrs. *Auth.*: Laboratory Exercises in General Bacteriology; Fundamentals of Bacteriology. —*b.* Chesterhill, O., Nov. 5, 1869; *s.* John C. and Mary J. (Wright) M.; reared in small town; *m.* Grace Hamilton Jones, 1898; *c.* Marion, Jessie, Chas. B. Jr. B.A., Ohio State Univ., 1890; M.D., Starling Med. Coll., 1896. Sigma Xi.

Morrill, Austin Winfield, consulting ent. and agrl. advisor, 809 Hillstreet Bldg., Los Angeles, Calif.

Special field agt., Bur. Ent., U. S. Dept. Agr., 1903-9; cotton insect invests., 1903-6; chg. citrus white fly invests., Fla., 1906-9; state ent., Ariz. and consulting ent., Ariz. Exp. Sta., 1909-19. Dir. Los Mochis (Sinalva, Mexico) Agr. Exp. Sta.; ent., Yaqui Valley Cotton Assoc.; ent., Mexican West Coast Veg. Com. Fellow A. A. A. S. Inventor graduated tent dosage system for citrus orchard fumigation. —*b.* Tewksbury, Mass., Sept. 11, 1880; *s.* Jas. and Elvira (Webster) M.; reared on farm; *m.* Florence Hall McCormick, Apr. 29, 1908 (d. 1916); 2nd, Helen Armstrong, Dec. 24, 1919; *c.* Austin W. Jr., Thos. A., James R. B.Sc., Mass. Agr. Coll. and Boston Univ., 1900; Ph.D., 1903. Phi Sigma Kappa.

Morrill, Chester, asst. general counsel, War Finance Corp., 3908 Ingomar St., N. W., Washington, D. C.

Accounting and law depts., Southern Ry. Co., 1899-1909; practice of law, Knoxville, Tenn., 1909-14; asst. to the Solicitor, acting chief cotton marketing and warehouse divs., asst. chief Bur. Markets, asst. to Sec. of Agr., in chg. Packers and Stockyards Adminis. and Grain Futures Adminis., U. S. Dept. Agr., 1914-25; present position, 1925-. Rep. U. S. Dept. Agr. at Worlds Cotton Conference, Liverpool-Manchester, England, 1921; Conference of European Cotton Assoc., London, 1924. (Legal and regulatory phases of agr.). —*b.* Shelby Co., Mo., Aug. 22, 1885; *s.* Flavius and Hannah (Johnston) M.; reared on farm and in city; *m.* Anna Margaret Anderson, Oct. 20, 1909; *c.* Chester Jr. LL.B., Georgetown Univ., 1909.

Morrill, Walter Jean, prof. for. and state for., Colo. Agr. Coll., Fort Collins, Colo.

With U. S. For. Serv., chiefly in Colo., 1905-12; prof. for., Univ. Neb., 1912-4; present position, 1914-. Pres. Colo. For. Assoc., 1916-20. —*b.* Madison, Me., Apr. 17, 1875; *s.* Cyrus D. and Clara Maria (Flint) M.; reared in small town; *m.* Katharine C. Stone, Sept. 18, 1907. B.S., Univ. Me., 1899; M.F., Yale For. Sch., 1905. Kappa Sigma.

Morris, Harry, bact. and asst. vet., La. Exp. Sta., Baton Rouge, La.

b. Bloomingburg, O., Sept. 17, 1881; *s.* Wm. W. and Theresa Jane (Morton) M.; reared on farm; *m.* Clara Agnes Stuart, June 30, 1915; *c.* Harry Stuart. D.V.M., Ohio State Univ., 1910.

Morris, Harry Elwood, assoc. bot. and bact., Mont. Agr. Exp. Sta., Bozeman, Mont.

Asst. bot. and bact., Mont. Agr. Exp. Sta., 1909-22; assoc., 1922-. (Fruit and potato diseases). —*b.* Virginia City, Mont., Apr. 17, 1886; *s.* Wm. W. and Abigail (Burnside) M.; reared in town and country; *m.* Frances R. Wilson, Oct. 22, 1924. B.S., Mont. State Coll., 1909; M.S., Univ. Wis., 1917. Phi Kappa Phi.

Morris, Oscar Matison, prof. hort. and head dept., Wash. State Coll., Pullman, Wash.

Asst. hort., Okla. A. & M. Coll., 1898-1901; prof. hort., 1902-8; prof. bot. and hort., 1909-10; asst. prof. hort., Wash. State Coll., 1910-1; prof., 1911-. (Tree-fruits and cover-crop manag.). —*b.* Highland, Kans., June 26, 1874; *s.* S. E. and Clarissa A. (McCulloch) M.; reared on farm; *m.* Leona Jane Hall, July 11, 1901; *c.* Howard V., Wm. E. B.S., Okla. A. & M. Coll., 1896; M.S., Wash. State Coll., 1915. Alpha Zeta.

Morris, William Earl, asst. co. agt. leader, Univ. Minn., University Farm, St. Paul, Minn.

b. Ridgway, Wis., Dec. 23, 1886; *s.* David J. and Clara (Theobald) M.; reared on farm; *m.* Emma S. Benson, July 16, 1920. B.S.A., Univ. Wis., 1909. Acacia.

Morrison, Frank Barron, prof. an. husb. and asst. dir. Exp. Sta., Univ. Wis., Madison, Wis.

Asst. agrl. chem., Univ. Wis., 1911-2; instr., 1912-4; asst. prof. an. husb., 1914-7; assoc. prof., 1917-9; prof., 1919-. Asst. dir. Exp. Sta., 1915-. *Auth.*: (with W. A. Henry) Feeds and Feeding, 18th ed., 1922; Feeds and Feeding, Abridged, 1917; (with E. S. Savage) Feeds and Feeding Manual, 1915. —*b.* Ft. Atkinson, Wis., May 19, 1887; *s.* Chas. Irving and Harriet (Barron) M.; reared on farm; *m.* Elsie Rea Bullard, Nov. 24, 1910; *c.* Roger Barron, Spencer Horton. B.S., Univ. Wis., 1911. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Phi Sigma Kappa.

Morrison, Harold, assoc. ent., U. S. Dept. Agr., Washington, D. C.

b. McCordsville, Ind., May 24, 1890; *s.* Seymour and Harriet (Cottingham) M.; reared on farm and in city; *m.* Emily Sweetland Reed, 1918; *c.* Peter R. A.B., Cornell Univ., 1914; M.A., Stanford Univ., 1915. Sigma Xi.

Morrison, Joseph Dudley, co. agrl. agt., Madison, S. D.

Farmer, 1910-2; supt. and sci. asst. in chg. plant-breeding cereal invests., U. S. Dept. Agr., Highmore Agrl. Exp. Sta., 1912-8; farmer, 1918-21; agrl. agt. Lake Co., 1921-. Sec.-treas. Highmore Coop. Co.; sec.-treas. Farmers Coop. Co., Philip, S.D. Mem. State Senate, 1921. —*b.* DeSmet, S. D., June 2, 1888; *s.* E. A. and Jennie (Miner) M.; reared on ranch; *m.* Alice M. Schoenvether, June 16, 1910; *c.* Alice Carolyn, Joseph Wallace, Lyle Edwin, Donald Patrick, Howard Warren, Dorothy Mae. B.S., S. D. State Coll., 1910; M.S., 1915.

Morrison, Russell V., teach. agr., high-sch., Fletcher, Okla.

Asst. boys' club agt., Okla. A. & M. Coll., 1918-9; teach. agr., Arcadia, Okla., 1919-23; Indiahoma, 1923-4; Fletcher, 1924-. 2d Lieut. Inf., U. S. Army, 1917-9. (An. husb.). —*b.* Dallas, Tex., May 26, 1894; *s.* Warren Pierce and Sarah Elizabeth (Millschlagle) M.; reared in town; *m.* Lorena Appleby, Aug. 16, 1919. B.S., Kans. State Agr. Coll., 1917.

Morriss, Jesse Edwin, teach. agr., high-sch., Ramer, Ala.

2d Lieut. O. R. C., U. S. Army. —*b.* Talladega, Ala., Oct. 3, 1901; *s.* Jesse Marion and Mollie (Hillsman) M.; reared on farm. B.S., Ala. Poly. Inst., 1924.

Morrow, Clarence Austin, asst. prof. agrl. biochem., Univ. Minn., University Farm, St. Paul, Minn.

Asst. chem., Oberlin Coll., 1906-8; head dept. chem. and physics, Doane Coll., 1909-10; Harrison scholar in chem., Univ. Penn., 1910-1; prof. and head dept. chem., Neb. Wesleyan Univ., 1911-7; grad. student and asst. soils, Univ. Minn., 1914-5; present position, 1917-. Fellow A. A. A. S. *Auth.*: Biochemical Research Methods for Students of the Biological Sciences, 1925. —*b.* near Morrow, O., Feb. 11, 1881; *s.* Morris and Alice C. (Austin) M.; reared on farm; *m.* Elizabeth A. Bowers, Apr. 7, 1920. B.Sc., Ohio Wesleyan Univ., 1906; A.M., Oberlin Coll., 1909; Ph.D., Univ. Minn., 1918. Sigma Xi.

Morrow, James Everett, supt. U. S. Plant Introduction Gard., Chico, Calif.

Hort., Butte Co., Calif., 9 yrs.; gardener, Plant Introduction Field Sta., Chico, Calif., 5 yrs.; supt. U. S. Plant Introduction Field Sta., Brooksville, Fla., 2½ yrs.; supt. U. S. Plant Gard., Rockville, Md., 2 yrs. —*b.* Meridian, Calif., Oct. 27, 1877; *s.* B. F. and Mary J. (Compton) M.; reared on farm; *m.* Grace Louise Jesser, Oct. 27, 1901; *c.* Marion June. Grad. Healds Coll., San Francisco, 1900.

Morrow, Robert Dowden, agrl. superv., U. S. Veterans Bur., Brandon, Miss.

Asst. prof. agron., Miss. A. & M. Coll., 1922-4; present position, 1924-. Pres. Miss. Soil Improvement Assoc., 1923. Lieut. Inf., U. S. Army, 1917-9. —*b.* Amory, Miss., Dec. 31, 1895; *s.* David Bryan and Bessie Louise (Rogers) M.; reared on farm; *m.* Anna Louise May, Dec. 25, 1922; *c.* Robt. D. Jr. B.S., Miss. A. & M. Coll., 1922; M.S., 1924.

Morse, Charles Kennedy, supt. Neb. Sch. Agr. of Univ. Neb., Curtis, Neb.

Princ. Athens Sch., Auburn, Neb., 1909-11; instr. and athletic coach, Caldwell, Ida., 1911-2; fellow Univ. Neb., 1912-4; princ. high-sch., University Place, Neb., 1914-5; supt. schs., Nelson, Neb., 1915-7. 1st Lieut. and Capt. Inf., U. S. Army, 1917-9. —*b.* Nebraska City, Neb., Apr. 2, 1888; *s.* Samuel Francis Smith and Mary Elizabeth (Kennedy) M.; reared in city; *m.* Jean Elizabeth McGahey, Sept. 1, 1915; *c.* Thomas Irwin. A.B., Univ. Neb., 1914. Phi Delta Kappa; Acacia.

Morse, Fred Winslow, res. chem., Mass. Exp. Sta., Amherst, Mass.

Asst. chem., Mass. Exp. Sta., 1887-8; chem. and vice-dir., N. H. Exp. Sta., 1888-1909; instr. to prof. organic chem., N. H. A. & M. Coll., 1889-1909; chem., Mass. Exp. Sta., 1910-; acting dir., 1912-3, 1918-20. Fellow A. A. A. S. — *b.* Berlin, Mass., Dec. 6, 1865; s. Winslow B. and Eugenia S. (Carter) M.; reared on farm; *m.* Lelia L. White, Oct. 29, 1891; *c.* Fred Winslow, Ellen Hastings. B.S., Worcester Poly. Inst., 1887; M.S., 1900. Phi Kappa Phi.

Morse, Harry Clarence, co. agrl. agt., Gloversville, N. Y.

Asst. agt. Chautauqua Co., N. Y., 1915; asst. agt. Oneida Co., 1916-8; agt. Fulton Co., 1918-. —*b.* Sheridan, N. Y., Dec. 20, 1888; *s.* Geo. E. and Nettie E. (Stebbins) M.; reared on farm; *m.* Emma E. Mandeville, June 8, 1916; *c.* Sanford M. B.S., Cornell Univ., 1915.

Morse, Hermann N., minister, dir. dept. of budget and res. and sec. Presbyterian Bd. of Nat. Missions, 156 Fifth Ave., New York, N. Y.

Lect. on rural sociol., rural social surveys, Auburn Theol. Sem., Union Theol. Sem., Teachers Coll. *Auth.:* The Country Church in Industrial Zones, 1922; The Social Survey in Town and Country Areas; (with E. deS. Brunner.) The Town and Country Church in the U. S. *Ed.,* Home Lands, 1919-24. —*b.* Ludington, Mich., Sept. 29, 1887; *s.* Hermann N. and Sarah E. (Smith) M.; reared in small town; *m.* Florence Vorpe, June 28, 1913; *c.* Sarah Frances, Warren Wilson. A.B., Alma Coll., 1908; Union Theol. Sem., 1911.

Morse, Lester Langford, seedsman, 749 Front St., San Francisco, Calif.

Life fellow Royal Hort. Soc. of Gt. Britain; vice-pres. Nat. Sweet Pea Soc.; ex.-pres. Amer. Seed Trade Assoc. (Lettuce). —*b.* Santa Clara, Calif., Nov. 9, 1870; *s.* Chas. Copeland and Maria (Langford) M.; reared in town and on farm; *m.* Frances Pierce, Jan. 5, 1899; *c.* Chas. Pierce, Mary Frances.

Morse, Roger W., co. agrl. agt., Heppner, Ore.

Agrl. agt. Goshen Co., Wyo., 1921-2; Morrow Co., Ore., 1923-. Capt. Inf., U. S. Army, 1917-20. —*b.* Sibley, Ia., Jan. 26, 1891; *s.* Wm. H. and Emily E. (Patch) M.; reared on farm; *m.* Frances E. Riggs, June 16, 1917; *c.* Wm. B., Lee Robt. B.S., Wash. State Coll., 1916. Sigma Phi Epsilon; Alpha Zeta.

Morse, Stanley Fletcher, consulting agrl. engin., 133 Front St., New York, N. Y.

Asst. field manag., cotton plantation, Mex., 1906-7; farming, eastern U. S.,

1907-8; asst. manag. ed., The Country Gentleman, 1908-10; agrst., Nat. Railways of Mex. and Mex. Express Co., 1910-1; farmer and consulting agrst., New England, Middle West and South, 1911-3; prof. agr., Univ. Ariz., 1913-4; dir. agrl. ext., 1914-6; state leader co. agts., U. S. Dept. Agr., 1915-6; consulting agrl. engineer in South and Latin Amer., 1916-. (Farm business manag.). —*b.* Watertown, Mass., Sept. 15, 1884; *s.* Harry Fletcher and Emma (Bean) M.; reared in town; *m.* Elizabeth Fenn Leonard, June 1, 1910; *c.* S. F. Jr. B.A.S., Harvard Univ., 1906.

Morse, Warner Jackson, dir. Me. Exp. Sta., Orono, Me.

Teach. nat. sci., Montpelier Sem., 1899-1901; instr. bot., Univ. Vt., 1901-5; asst. prof. bact., 1905-6; asst. bot., Vt. Exp. Sta., 1901-6; plant path. Me. Exp. Sta., 1906-23; dir., 1921-. Fellow A. A. A. S. (Plant path.). —*b.* Waterbury, Vt., Oct. 30, 1872; *s.* Daniel Jackson and Jane (McKee) M.; reared on farm; *m.* Mary Almira Leland, July 6, 1898; *c.* Ruth Fsther. B.S., Univ. Vt., 1898; M.S., 1903; Sc.D. (hon.), 1923; Ph.D., Univ. Wis., 1912. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Kappa Sigma.

Morse, William Joseph, agron., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Pres. Nat. Soybean Growers Assoc., 1924. *Auth.*: (with C. V. Piper) The Soybean, 1923. (Forage crops). —*b.* Lowville, N. Y., May 10, 1884; *s.* John Baptist and Lena (Kirschner) M.; reared in village; *m.* Edna B. Siggers, Sept. 20, 1911; *c.* Margaret Catherine. B.S.A., Cornell Univ., 1907.

Mortensen, Martin, prof. dairying, Ia. State Coll., Ames, Ia.

Supt. manufacturing, Hanfora Hazelwood Creamery Co., Sioux City, Ia., 5 yrs.; manag. Hazelwood Creamery Co., Portland, Ore., 5 yrs.; assoc. prof. dairying, Ia. State Coll., 1909-10; prof., 1910-. Studied dairying in Great Britain and Denmark as rep. U. S. Dept. Agr., 1900; sent by Ia. State Coll. to Great Britain, Holland, Denmark, 1914. Mem. The Danish Royal Agr. Soc. —*b.* Denmark, May 29, 1872 (naturalized 1900); *s.* Peder Chr. and Juliana Marie (Larsen) M.; reared on farm; *m.* Emelia Christensen, Nov. 10, 1900; *c.* Marie, Edna. B.S.A., Ia. State Coll., 1909. Phi Kappa Phi; Phi Lambda Upsilon; Gamma Sigma Delta; Alpha Zeta.

Mortimer, George Byron, assoc. prof. agron., Univ. Wis., Madison, Wis.

b. Chilton, Wis., May 9, 1882; *s.* Allen E. and Elizabeth (Trevor) M.; reared on farm. B.S., Univ. Wis., 1914. Sigma Xi; Acacia; Alpha Zeta.

Morton, Caroline, asst. prof. home econ. and asst. state leader home dem. work, Cornell Univ., Ithaca, N. Y.

Head home econ. dept., high-sch., Topeka, Kans., 1912-6; Highland Park, Ill., 1916-7; dietitian, Lake Forest Univ., 1917-8; home dem. agt. Saratoga Co., N. Y., 1918-9; present position, 1919-. —*b.* Hiawatha, Kans.; *d.* Geo. N. and Anna (Rouse) M.; reared on farm. B.S., Kans. State Agr. Coll.; grad. student, Cornell Univ.

Morton, George Edwin, prof. an. husb. and head dept., Colo. Agr. Coll., Ft. Collins, Colo.

Asst. an. husb., Univ. Wyo., 1904-7; expert in an. husb., U. S. Dept. Agr., 1906-7; prof. an. husb., Colo. Agr. Coll., 1907-9; head dept., 1909-. State dairy comnr. for Colo., 1913-. Official judge for Holstein-Friesian Assoc. of Amer., 1912-; dir., 1910-, and mem. manag. com., 1920, Nat. W. Stock Show. Breeder Duroc-Jersey swine, 1917-. —*b.* Johnstown, Wis., June 17, 1879; *s.* Jas. and Janet Ann (McFarlane) M.; reared on farm; *m.* E. Maude Hyslop, July 5, 1905; *c.* Geo. E., Logan D., Gordon, Craig, E. Maude. B.L., Milton Coll., Wis., 1899; B.S., Colo. Agr. Coll., 1904; M.L., Milton Coll., 1904. Alpha Zeta; Lambda Chi Alpha.

Morton, Lee Whittle Jr., teach. agr., Windsor Agrl. High-Sch., Windsor, Va.

Teach. sci., McGuires Univ. Sch., 1919-20; princ. high-sch., Keysville, 1920-1; present position, 1921-. Served in U. S. Army, 1918. —*b.* Keysville, Va., Jan. 18, 1899; *s.* Lee W. and Page

(Pettus) M.; reared on farm. A.B., Hampden-Sidney Coll., 1919; B.S., Va. Poly. Inst., 1922. Theta Chi.

Morton, McKinley Clevenger, teach. voc. agr., high-sch., Clear Spring, Md.

b. Pleasant Ridge, Pa., May 13, 1897; *s.* Peter Morton and Louisa (Clevenger) M.; reared on farm. B.S., Penn. State Coll., 1919.

Mosbeck, Ludvig, farmer, Askov, Minn.

Nurseryman and seed-grower, Denmark, to 1891; truck farmer, Chicago, Ill., to 1906; farmer, Minn., 1906-. Pres. Pine Co. Farm Bur.; dir. Minn. Farm Bur. Fed.; pres. Minn. Potato Exchange; pres. Askov Nat. Farm Loan Assoc. —*b.* Denmark, Apr. 13, 1855 (naturalized 1896); *s.* Jens and Kirstine (Pederidatha) M.; *m.* Kirstine Larsen, Jan. 28, 1884; *c.* 6 sons and 5 daughters.

Moser, Erven LeRoy, co. agrl. agt., Ida Grove, Ia.

b. Clayton Co., Ia., Dec. 2. 1894; *s.* Louis Daniel and Ella Bertha (Friedlein) M.; reared on farm; *m.* Mary Wanberg, July 19, 1923. B.S., Ia. State Coll., 1920. Alpha Gamma Rho.

Moser, Leo Clifford, writer on farm econ., 30 E. Ontario St., Chicago, Ill.

With advertising dept., Swift & Co., Chicago, 1917; ed. Coll. Agr. and ext. div., Univ. Ark., 1919-20; assoc. ed. Pierce's Farm Weeklies, Des Moines, Ia., 1920-1; dir. publicity and advertising manag., U. S. Grain Growers, Inc., Chicago, 1921-2; rep. Public Relations Dept. Inst. Amer. Meat Packers, 1922; asst. advertising manag., S. W. Straus & Co., 1923-4; manag. public relations dept., Halsey, Stuart & Co., Inc., 1924-. 2d Lieut. Inf., Ordnance Dept., U. S. Army, 1917-9. —*b.* Formosa, Kans., Feb. 4, 1895; *s.* Osee Pierre and Francis May (Howell) M.; reared on farm. B. Journalism, Kans. State Agr. Coll., 1917. Sigma Delta Chi; Phi Alpha Tau.

Moser, Roy Edgar, co. agrl. agt., Steubenville, O.

Agrl. agt. Jefferson Co., O., 1920-. Served in U. S. Army, 1918-9. —*b.* Apple Creek, O., Aug. 21, 1893; *s.* Simon D. and Lydia (Amstutz) M.; reared on farm; *m.* Rebecca Biven Sticker, Aug. 16, 1921; *c.* Roy E. Jr. B.S., Ohio State Univ., 1918.

Moser, Venice Glenn, teach. voc. agr., high-sch., Waveland, Ind.

b. Cloverdale, Ind., May 4, 1901; *s.* W. M. and Lillian (Hensley) M.; reared on farm. B.S.A., Purdue Univ., 1923. Kappa Delta Pi.

Moses, Ben Duncan, asst. prof. agrl. engin., Univ. Calif., Davis, Calif.

Mechanic, Holt Mfg. Co., Stockton, Calif., 1909-10; teach. sci., N. Mex. Normal, 1910-1; asst. mech. engin., Univ. Calif., 1911-5; Yuba Mfg. Co., Marysville, 1915-22; present position, 1922-. —*b.* Silver City, N. Mex., Nov. 22, 1884; *s.* John A. and Alice (Runyan) M.; reared in town; *m.* Lillian Sheridan, June 6, 1912; *c.* Ben Sheridan, Harold Gratz, Allen Edward, Alice Runyan. B.S., Univ. Calif., 1909. Alpha Kappa Lambda.

Mosher, Martin Luther, assoc. in farm organization and manag. ext., Univ. Ill., Urbana, Ill.

Instr. farm crops, Ia. State Coll., 1905; ext. lect., 1906-12, except 1½ yrs. in Mex. as corn specialist; agrl. agt., Clinton Co., Ia., 1912-5; agrl. agt., Woodford Co., Ill., 1916-23; present position, 1924-. (Corn). —*b.* W. Liberty, Ia., Apr. 12, 1882; *s.* L. O. and Lidorana (White) M.; reared on farm; *m.* Elva Forman, Dec. 1908; *c.* Arthur, Luther, Ruth, Vora, Robt. B.S.A., Ia. State Coll., 1905; Mast. Agr., 1915.

Mosier, Jeremiah George, prof. soil physics, Univ. Ill., Urbana, Ill.; Jan. 8, 1862-Nov. 10, 1922. See Rus 1920.

Moss, Eleanor Stowe, home dem. agt., Torrington, Conn.

b. Cheshire, Conn., July 21, 1889; *d.* Joel W. and Julia (Hyde) M.; reared on farm. B.S., Conn. Agr. Coll.

Moss, Eugene Griscom, asst. in tobacco invests., U. S. Dept. Agr., and dir. Branch Tobacco Exp. Sta., Oxford, N. C.

Chem. and supt. blast furnaces, 1902-8; general supt., Warner Iron Co.,

Cumberland, Tenn., 1907-8; chg. tobacco farm, 1909-10; present position, 1919-. —*b.* Granville Co., N. C., Nov. 8, 1877; *s.* L. H. and Virginia (Lawrence) M.; reared on farm; *m.* Frances Bullock, Dec. 16, 1909; *c.* Elizabeth Frances, Loula Bullock, Marian Lawrence. B.S., Univ. N. C., 1902.

Mote, Don Carlos, prof. ent. and ent. Exp. Sta., Ore. Agr. Coll., Corvallis, Ore.

With Ohio Exp. Sta., 1912-9; state ent., Ariz., 1919-23; assoc. ent., Ore. Agr. Coll. and Exp. Sta., 1923-4; ent., 1924-. —*b.* Greenville, O., Jan. 13, 1887; *s.* Irvin and Katherine J. (Felton) M.; reared on farm and in town; *m.* Josephine Mower, June 20, 1914; *c.* Richard Hodges. B.S., Ohio State Univ., 1911; M.S., 1912. Sigma Xi; Alpha Gamma Rho.

Mote, John Henry Harrison, co. agrl. agt., Carthage, Mo.

Clerk Circuit Court, Newton Co., Mo., 1906-10; princ. schs., Neosho, 1910-3; distr. agrl. agt., Aurora, 1917; agt. Jasper Co., 1918-. —*b.* Dark Co., O., Feb. 27, 1877; *s.* John S. and Sarah A. (Dunlap)M.; reared on farm; *m.* Zebbie J. Luney, Dec. 17, 1899; *c.* Laurah E., Lola J., J. H. H. Jr., Anne Mae, Delmar Gerald. B.Ped., Springfield State Normal, 1913; B.S.A., Univ. Mo., 1916.

Moulton, Charles Robert, dir. dept. of nutr., Inst. of Amer. Meat Packers, 509 S. Wabash Ave., Chicago, Ill.

Asst. agrl. chem. Univ. Mo., 1907-9; instr., 1909-12; asst. prof., 1912-8; prof., 1918-22. Mem. com. on food and nutr., Nat. Res. Council. Fellow A. A. A. S. (An. nutr.). —*b.* Clifton, Pa., Sept. 16, 1884; *s.* C. Lewis and Maria Ross (Harper) M.; reared in city and country; *m.* Edith Lehnen, June 24, 1911; *c.* Ruth Elizabeth, Marjorie. B.S., Univ. Ill., 1907; M.S.A., Univ. Mo., 1909; Ph.D., 1911. Sigma Xi; Alpha Chi Sigma; Gamma Sigma Delta; Phi Lambda Upsilon.

Mount, Marie, dean of home econ., Univ. Md., College Park, Md.

Teach. Lasell Sem., Boston, Mass., 1916-8; present position, 1919-. —*b.* Crawfordsville, Ind.; *d.* Jas. Edgar and Emma (Stewart) M.; reared in town. A.B., Ind. Univ., 1916; A.M., Columbia Univ., 1924. Kappa Kappa Gamma; Phi Kappa Phi.

Mountjoy, Charles Raymond, instr. voc. agr., high-sch., Havre, Mont.

b. Chase Co., Neb., Mar. 14, 1896; *s.* Chas. C. and Margaret A. (Matlock) M.; reared on farm. B.S., Mont. State Coll., 1923. Alpha Zeta; Phi Kappa Phi; Omega Beta.

Mowlds, William Lyle, teach. voc. agr., Calvert Agrl. High-Sch., Rising Sun, Md.

Meridale Stock Farm, Meridale, N. Y., 1919; fruit-growing, Kibbie, Mich., 1920; present position, 1922-. —*b.* Wissahickon, Pa., May 23, 1899; *s.* Eugene and Christine N. (Mackenzie) M.; reared in city and country. B.S., Univ. Del., 1922. Phi Kappa Tau.

Moznette, George Franklin, ent., U. S. Dept. Agr., Box 1134, Miami, Fla.

Res. asst. in ent., Ore. Exp. Sta., 1913-5; res. asst. and asst. prof. ent., Ore. Agr. Coll., 1916-7; present position, 1918-. —*b.* St. Paul, Minn., Dec. 21, 1890; *s.* R. F. and Antoinette (Handel) M.; reared in city; *m.* Esther B. Stafford, July, 1917; *c.* Geo. F. Jr., Roger. B.S., Ore. Agr. Coll., 1913; student Univ. Calif., 1917.

Muckle, Leo Augustine, co. agrl. agt., Lockport, N. Y.

Spent 1 yr. in Argentine. —*b.* Potter, N. Y., Nov. 9, 1892; *s.* Thos. and Margaret (Delaney) M.; reared on farm. B.S., Cornell Univ., 1916.

Mudge, Courtland Sawin, asst. prof. bact., Univ. Calif., Davis, Calif.

Capt. Officers Reserve Corps. (Dairy bact.). —*b.* Providence, R. I., May 12, 1888; *s.* Edward Courtland and Eva (Sawin) M.; reared in city; *m.* Elizabeth Turner, Nov. 6, 1918; *c.* Barbara. Ph.B., Brown Univ., 1911; Ph.D., 1915. Sigma Xi.

Mulford, Furman Lloyd, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

General farming, Pa., 1893-1900; teach. hort., Baron de Hirsch Agr. Sch., Woodbine, N. J., 1900-1; lands. gard. with Manning Bros., 1901-3; supt. parks, Harrisburg, Pa., 1903-11; lands. gard., U. S. Dept. Agr., 1911-6; hort., 1916-. Sec. Amer. Assoc. of Park Supts., 1906-12. Collaborator, Lawn Soils and Lawns, 1912; Roses for the Home, 1917; Trees As Good Citizens, 1922. (Lands. design). —*b.* Millville, N. J., July 12, 1869; *s.* Furman L. and Anna (Lloyd) M.; reared in town; *m.* Edith Eyre, Feb. 21, 1905. B.S.A., Cornell Univ., 1892.

Mulford, Walter, prof. and head div. for., Univ. Calif., Berkeley, Calif.

State for. of Conn., and for. to Conn. Exp. Sta., New Haven, 1901-4; for. agt., U. S. For. Serv., 1904-5; asst. prof. for., Univ. Mich., 1905-7; jr. prof., 1907-11; prof. for., Cornell Univ., 1911-4; prof. for., Univ. Calif., 1914-. Pres. Soc. Amer. Foresters, 1924. —*b.* Millville, N. J., Sept. 16, 1877; *s.* Furman and Anna (Lloyd) M.; reared in town; *m.* Vera Wandling, July 1, 1903; *c.* Alice Stewart, Mary, Stewart Furman. B.S.A., Cornell Univ., 1899; For. Engin., 1901. Sigma Xi; Alpha Zeta.

Muller, Richard Theodore, asst. prof. flor., Mass. Agr. Coll., Amherst, Mass.

Chg. hort., Hampton Inst., Va., 6 mos.; formerly asst. prof. hort., Univ. Me. —*b.* N. Y. City, Aug. 14, 1893; *s.* Diedrich and Dorothea (Harfst) M.; reared in city; *m.* Catherine M. Verges, Sept. 11, 1917; *c.* Richard Kenneth. B.S., Cornell Univ., 1916; M.Sc., Univ. Me., 1920. Pi Alpha Xi; Phi Gamma Delta; Phi Kappa Phi.

Mumford, Frederick Blackmar, dean and dir., Coll. Agr., prof. an. husb., Univ. Mo., Columbia, Mo.

Asst. prof. agr., Mich. Agr. Coll., 1891-5; prof. agr., Univ. Mo., 1895-1905; prof. an. husb., 1905-9; acting dean, Coll. Agr., 1903-5; dean and dir., 1909-. Mem. Mo. State Bd. Agr.; chm. Mo. Council of Defense, 1917-9; fed. food adminis. for Mo., 1917-9. Mem. exec. council, Interchurch World Movement, Me., 1919-20. Fellow A. A. A. S. *Auth.*: The Breeding of Animals, 1917; contr. to Book of Rural Life. —*b.* Moscow, Mich., May 28, 1868; *s.* Elisha Chas. Lindsley and Julia (Camburn) M.; reared on farm; *m.* Jessamine Kennedy, 1895; *c.* Margaret, Dorothy, Catherine, Ruth Elizabeth. B.S., Mich. Agr. Coll., 1891; M.S., 1893; studied at Leipzig, 1900; Zurich, 1901. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Mumford, Herbert Windsor, dean Coll. Agr., dir. Exp. Sta. and ext. serv., Univ. Ill., Urbana, Ill.

Instr., Mich. Agr. Coll. and asst. Exp. Sta., 1895-6; asst. prof. agr. and an. husb. invest., 1896-9; prof. agr., 1899-1901; prof. an. husb., Univ. Ill. and chief an. husb., Ill. Exp. Sta., 1901-; present position, 1922-. Sec. Farm Home Reading Circle, Mich., 1895-9; chm. cattle jurors, St. Louis Expos., 1904. Investigated live-stock conditions in Great Britain, France, Belgium, Holland, 1897; Argentina, 1908. *Auth.*: Beef Production, 1908; joint auth., Practical Farming and Gardening, 1902. —*b.* Moscow, Mich., Feb. 26, 1871; *s.* Elisha Chas. Lindsley and Julia A. (Camburn) M.; reared on farm; *m.* Lena Crosby, July 5, 1898; *c.* Dwight Curtis, Mary Caroline, Jas. Satterlee, Herbert W. Jr., Virginia. B.S., Mich. Agr. Coll., 1891. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Muncie, Jesse Howard, res. asst. crown-gall invests., Crop Protective Inst. and Ia. State Coll., Ames, Ia.

Asst. bot., Ohio Exp. Sta., 1913; asst. plant path., Mich. Exp. Sta., 1913-7; res. asst., 1917; path. insp., Bur. Plant Ind., U. S. Dept. Agr., 1917-8; asst. prof. plant path., Penn. State Coll., 1918-21; asst. plant path., Ia. Agr. Exp. Sta., 1921; asst. path. cereal invests., Bur. Plant Ind., 1922-4; present position, 1924-. —*b.* Middlebury, Ind., July 3, 1890; *s.* Wm. R. and Sarah C. (Varley) M.; reared in small town; *m.* Helen Marie Baber, Sept. 20, 1913; *c.* Marie Louise, Margaret Elinor. A.B., Wabash Coll., 1912; M.A., Cornell Univ., 1916; Ph.D., Ia. State Coll., 1925.

Munger, George Howard, co. agrl. agt., Osage, Ia.

Farmer, Wis., 2 yrs., Ia., 1 yr.; agrl. agt. Appanoose Co., Ia., 4 yrs.; Mitchell Co., 3 yrs. —*b.* Fairhaven, Minn., May 19, 1887; *s.* Leland Howard and Eliza J. (Cooley) M.; reared in city; *m.* Delia Myra Swain, June 14, 1916; *c.* Phyllis Louise, Alice Virginia, Geo. H. Jr. B.S.A., Ia. State Coll., 1915.

Munger, Harlan Bruce, farmer, Byron, N. Y.

With Off. Farm Manag., U. S. Dept. Agr., 1912-4; prof. farm manag., Ia. State Coll., 1914-20. —*b.* Byron, N. Y., Sept. 27, 1888; *s.* Henry M. and Nora (Wilcox) M.; reared on farm; *m.* Edna B. Bickford, Aug. 24, 1915; *c.* Henry M., Eunice B. B.S., Cornell Univ., 1912. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Munro, Edwin Clark, teach. voc. agr., high-sch., Petroleum, Ind.

b. Piper City, Ill., Dec. 31, 1901; *s.* Asa C. and Edith E. (Dillon) M.; reared on farm; *m.* Marcella Dubuque, June 1925. B.S.A., Purdue Univ., 1924.

Munro, Willis, for. res. serv., 80 Boylston St., Boston, Mass.

Asst. in for. manag., Bur. Ent., U. S. Dept. Agr., 1913-21. Mem. for Suffolk Co., Mass. State Dept. Agr., 1918-9. Deputy asst. distr. attorney N. Y. Co., N. Y., 1902-3; ensign, Mass. Naval Militia, 1896. Mem. Assoc. of Bar of City of N. Y. —*b.* Boston, Mass.. Dec. 3, 1873; *s.* Josiah Green and Sarah Keene Healey (Dall) M.; reared in city; *m.* Marion Beach Bogardus, Oct. 31, 1907. A.B., Harvard Coll., 1896; LL.B., Harvard Law Sch., 1899; M.F., Yale For. Sch., 1912.

Munsell, Hazel E., assoc. nutr. chem., Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Instr., Stanford, N. Y., 1914-7; fellow in chem., Mt. Holyoke Coll., 1917-8; instr., Pratt Inst., 1918-20; res. chem. in food and nutr., Assoc. for Improving Condition of the Poor, N. Y. City, 1921-4; present position, 1924-. —*b.* Monson, Mass., Apr. 9, 1891; *d.* Kelly B. and Nellie E. (Smith) M.; reared on farm. A.B., Mt. Holyoke Coll., 1914; M.A., Columbia Univ., 1912; Ph.D., 1924. Sigma Xi.

Munson, Jared Pomeroy, fruit-grower, Grand Rapids, Mich.

Pres. Mich. State Hort. Soc.; mem. first exec. bd., Mich. State Farm Bur. —*b.* Grand Rapids, Mich., Jan. 26, 1877; *s.* Wm. King and Mary T. (Pomeroy) M.; reared on farm; *m.* Bessie Leffingwell, Dec. 31, 1903; *c.* Austin. Student short-course, Mich. Agr. Coll., 1899.

Munson, Willard Anson, dir. div. markets, State Dept. Agr., Walpole, Mass.

Co. agrl. agt., Norfolk Co., Mass., 1915-20; present position, 1920-. Pres. Mass. Fruit Growers Assoc.; sec. Nat. Assoc. State Marketing Officials, 1921-2; chm. New England Res. Council on Marketing and Food Supply, 1924-. —*b.* Hudson, Mass., Jan. 6, 1881; *s.* Myron F. and Mary Jane M.; reared on farm and in city; *m.* Helen M. Squier, Dec. 8, 1909; *c.* Janice, Willard Squier, Myron Montgomery. B.S., Mass. Agr. Coll., 1905. Phi Sigma Kappa; Phi Kappa Phi.

Murchie, Robert Welch, assoc. prof. rural sociol., Man. Agr. Coll., Winnipeg, Man.

With Man. Agr. Coll., 1915-. Sec. Man. Agrl. Survey, 1921. —*b.* Scotland, May 30, 1883; *s.* Jas. and Euphemia (Welch) M.; reared in town; *m.* Ethel Bertha McConnell, Nov. 19, 1909; *c.* Helen, Arthur, Jean, Robt. M.A., Glasgow Univ., 1906; student theol., 1906-7.

Murdock, Harvey Ellison, prof. agrl. engin., Mont. State Coll., and agrl. engin., Exp. Sta., Bozeman, Mont.

Instr. theoretical and applied mech., Univ. Ill., 1906-12; irrig. engin., U. S. Dept. Agr., 1913-4; present position, 1914-. *Auth.*: Strength of Materials, 1909; Irrigation Engineering, rev., 1915. —*b.* O., Oct. 3, 1879; *s.* Ellison M. and Annie M. (Thrush) M.; reared on farm; *m.* Ina Indus Brown, 1907; *c.* Harold Esmond, Elizabeth Jane, Thos. Brown. B.S., Univ. Colo., 1906; M.E., 1908; C.E., 1911. Tau Beta Pi; Sigma Phi Epsilon.

Murneek, Andrew Edward, asst. prof. hort., Univ. Mo., Columbia, Mo.

Res. fellow, Ia. State Coll., 1917-8; res. asst., Ore. Agr. Coll., 1918-9; asst. prof. hort., 1919-25; present position, 1925-. Fellow A. A. A. S. —*b.* Talsen, Latvia, May 21, 1888 (naturalized 1913); *s.* Ernest Fritz and Catherine (Jacobson) M.; reared in city and on farm; *m.* Minna Wanda Niemiec, June 26, 1920; *c.* Mary Elizabeth. B.S.A., Ore. Agr. Coll., 1917; M.S., Ia. State Coll., 1918; Ph.D., Univ. Wis., 1924. Sigma Xi; Phi Sigma Kappa; Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi; Phi Sigma.

Murphey, Frank Thomas, asst. prof. for., Penn. State Coll., State College, Pa.

For. asst. and examiner, U. S. For. Serv. 6 yrs. Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Parkesburg, Pa., Jan. 19, 1894; *s.* Walter A. and Sara (Thomas) M.; reared in town; *m.* Marie Katharine Slycard, 1920. B.S., Penn. State Coll., 1914. Xi Sigma Pi; Tau Phi Delta.

Murphey, Howard Sylvester, prof. vet. anat., Ia. State Coll., Ames, Ia.

Present position, 1909-. —*b.* O., Feb. 15, 1882; *s.* Jas. H. and Amanda C. M.; reared on farm and in village; *m.* Mabel Slater, Dec. 21, 1903; *c.* David Sisson. D.V.M., Ohio State Univ., 1908. Phi Kappa Phi.

Murphy, Robert Marshall, co. agrl. agt., Dandridge, Tenn.

Formerly specialist in an. husb., Univ. Tenn.; southern field rep., Amer. Shorthorn Breeders Assoc. Knoxville, Tenn. —*b.* Knox Co., Tenn., Dec. 9, 1886; *s.* Robt. F. and Sarah (French) M.; reared on farm; *m.* Perle Pennington, Jan. 6, 1915; *c.* Robt. M. Jr., John Pennington, Betty Ann. B.S.A., Univ. Tenn., 1910; M.S., Univ. Wis., 1911. Alpha Zeta.

Murray, David P., distr. club leader, Pocatello, Ida.

Princ. distr. sch., Lincoln, Ida., 1912-4; jr. high-sch., Franklin, Ida., 1916-7; co. agrl. agt., Rexburg, 1917-22. —*b.* Wellsville, Utah, May 13, 1885; *s.* Wm. A. and Sarah (Parker) M.; reared on farm; *m.* Mabel Shipley, Sept. 5, 1917; *c.* Junior S., Wm. Guy. B.S., Utah Agr. Coll., 1916.

Murray, Earl, farmer, Powell, Wyo.

Superv. teach., Guindulman, Bohol, P. I., 1904-10; princ. intermediate sch., 1910-1. Farmer, Mo., 3 yrs.; Wyo., 10 yrs. Pres. Water Users' Assoc., Powell, 1922; sec.-treas. Shoshone Farmers' Mutual Fire Insurance Co., 1916-; rep. Shoshone Irrig. project before Fact Finding Comn., Salt Lake City, 1924. Traveled in Orient and Europe. (Reclamation of arid lands). —*b.* Holt Co., Mo., June 22, 1880; *s.* Samuel H. and Elizabeth (Whitham) M.; reared on farm; *m.* Tula Davis, Dec. 5, 1907; *c.* Bruce, Max Davis, Merne. Grad. Mo. Valley Coll., Marshall, Mo., 1900.

Murray, James, distr. agrst., Medicine Hat, Alta.

Supt. Exp. Farm, Brandon, Man., 1907-11; manag. Canadian Wheatlands. Ltd., Alta., 1911-5; prof. cereal husb., Macdonald Coll., Que., 1915-9; supt., Noble Foundation Ltd., Alta., 1919-21; present position, 1921-. —*b.* Aveming, Ont., Nov. 2, 1882; *s.* Robt. and Agnes (Kay) M.; reared on farm; *m.* Florence Allan, June 25, 1908; *c.* Jas. Allan, Margaret Campbell. B.S.A., Toronto Univ., 1902.

Murray, Nathaniel Carleton, crop statistician, Clement, Curtis Co., 231 S. LaSalle St., Chicago, Ill.

Market and financial reporter, 1892-4; asst. ed. Cincinnati Price Current, 1898-1904; special agt., U. S. Dept. Agr., 1904-7; statistician and asst. to chief Bur. Crop Estimates, 1907-21; chief statistician 1921-3; with Clement, Curtis & Co., 1923-. Del. Intern. Inst. Agr., Rome, 1922. —*b.* Cincinnati, O., Nov. 29, 1872; *s.* Chas. Burleigh and Sallie (Powell) M.; *m.* Elsie Johnson, June 7, 1900. B.Litt., Univ. Cincinnati, 1898. Phi Delta Theta.

Murray, Reid Fred, sec. Wis. Live Stock Breeders Assoc., Madison, Wis.

Agrl. ext. agt., Northern Pacific R. R., 1913-6; asst. state leader co. agrl. agts., Univ. Wis., 1916-9; manag. farm

business dept., Old Commercial Nat. Bank, Oshkosh, Wis., 1919-22; present position, 1922-. —*b.* Ogdensburg, Wis., Oct. 16, 1887; *s.* Geo. C. and Kittie (Livermore) M.; reared on farm. B.S., Univ. Wis., 1916.

Murray, Thomas Jefferson, prof. bact., Rutgers Univ., New Brunswick, N. J.

Asst. bact., Purdue Univ., 1913-5; assoc. prof. bact. and assoc. bact. Exp. Sta., Va. Poly. Inst., 1915-8; assoc. prof. bact. and bact. Exp. Sta., Wash. State Coll., 1918-20; assoc. prof. bact., Med. Sch., W. Va. Univ., 1920-1; present position, 1921-. —*b.* Nyack, N. Y., Oct. 13, 1891; *s.* Andrew and Josephine (Hanlon) M.; reared in city; *m.* Harriet Alida Palmer, Dec. 26, 1917. B.S., Coll. City of N. Y., 1913; M.S., Purdue Univ., 1915.

Murray, Willette Benjamine, instr. voc. agr., Fowler Union High-Sch., Fowler, Calif.

Instr. hort., Colo. Agr. Coll., 1921-2; instr. voc. agr., Washington Union High-Sch., Fresno, Calif., 1922-4; present position, 1924-. (Hort.). —*b.* Nunica, Mich., Mar. 22, 1899; *s.* Orlan Willette and Mary (Cook) M.; reared on farm; *m.* Hazel Marie Strain, Dec. 27, 1922. B.S., Ore. Agr. Coll., 1921; M.S., Colo. Agr. Coll., 1922. Alpha Zeta; Lambda Chi Alpha.

Musbach, Frederick Ludwig, assoc. prof. soils, in chg. Exp. Sta. and ext., Marshfield, Wis.

Asst. in Wis. Geol. and Nat. Hist. Survey, 1909-12. —*b.* Saukville, Wis., Mar. 10, 1877; *s.* Wm. and Marie (Butzer) M.; reared on farm; *m.* Roxena Billings, Oct. 26, 1912; *c.* Wm. F. B.S., Univ. Wis., 1909. Sigma Xi.

Musgrave, George Wallace, agron., N. J. Agr. Exp. Sta., and assoc. prof. agron., Rutgers Univ., New Brunswick, N. J.

Teach. agr., high-sch., Hamburg, Ia., 1915-6; sci. soil survey, U. S. Dept. Agr., 1916-8; asst. prof. agron., Rutgers Univ., 1918-22; present title, 1922-. —*b.* Scranton, Pa., Aug. 25, 1891; *s.* Aaron Wallace and Elizabeth (Conner) M.; reared on farm and in city; *m.* Pearle McCoy, Dec. 26, 1917; *c.* Geo. McCoy. B.S., Cornell Univ., 1915; M.S.A., 1915. Alpha Zeta; Kappa Delta Rho.

Musgrove, G. C., co. agrl. agt., Coshocton, O.

Dir. farmers insts., Marshall Co.; formerly co. agrl. agt., Moundsville, W. Va. 2d Lieut. Field Art., U. S. Army. —*b.* Fairmont, W. Va., Sept. 13, 1888; *s.* R. Q. and Susan Deliah (Rogers) M.; reared on farm. B.S.A., W. Va. Univ., 1914.

Mussehl, Frank Edward, prof. poultry husb., Univ. Neb., Lincoln, Neb.

Asst. poultry husb., Kans. State Agr. Coll., 1915-6; instr., Univ. Wis., 1916-7; prof., Univ. Neb., 1917-. —*b.* Jefferson, Wis., Dec. 3, 1891; *s.* Wm. and Freda (Miller) M.; reared on farm; *m.* Inez L. Clough, June 20, 1917. B.S., Univ. Wis., 1915. Sigma Xi; Alpha Gamma Rho; Gamma Sigma Delta.

Musselman, Harry Hayes, assoc. prof. farm mech., Mich. State Coll., E. Lansing, Mich.

b. Defiance Co., O., Sept. 13, 1880; *s.* Ira and Esther S. (Luce) M.; reared on farm; *m.* Anne I. Green, Dec., 1917. B.S., Mich. Agr. Coll., 1908. Tau Beta Pi.

Musser, Albert Myers, assoc. hort., S. C. Agr. Exp. Sta., Clemson College, S. C.

Farmer and fruit-grower, Lake Co., Fla., 1914-8; agrl. agt. Clarendon Co., S. C., 1919-20; present position, 1921-. Served in U. S. Navy, 1918-9. —*b.* Hartleton, Pa., Oct. 18, 1892; *s.* Jas. Albert and Minnie (Myers) M.; reared in town; *m.* Frances Jean Teague, Aug. 15, 1918; *c.* Frances Anne, Myra Jean. B.S.A., Univ. Fla., 1918.

Musser, George D., co. club agt., Middletown, N. Y.

Asst. agrl. agt. Union Co., N. J., 1918; superv. voc. agr., W. Sunbury Voc. Sch., Pa., 1919; Linesville, 1920-1; teach. agr., high-sch., Sherman, N. Y., 1922; club agt. Orange Co., 1923-. —*b.* Bellefonte, Pa., Oct. 16, 1894; *s.* Frank W. and Blanch E. (Dale) M.; reared

on farm; *m.* Maxine E. Montgomery, June 29, 1921; *c.* Geo. Montgomery. B.S., Penn. State Coll., 1918. Delta Sigma Phi.

Musser, Karl Bryant, sec. and treas. Amer. Guernsey Cattle Club, Peterboro, N. H.

Ext. dairyman, Conn. Agr. Coll., 1914-8; dairy ext. specialist, Wash. State Coll., 1918-20; eastern field rep., Amer. Guernsey Cattle Club, 1920-1; assoc. sec. and acting treas., 1922; sec. treas., 1923-. Manag. Western Dairy Products Show, 1919. —*b.* Abilene, Kans., Nov. 9, 1888; *s.* Jacob E. and Anna Engle (Gish) M.; reared on farm; *m.* Madge Catherine Rowley, June 1, 1915; *c.* John Lee, Karl Rowley, Anna Mary. B.S., Kans. State Agr. Coll., 1912; M.A., Univ. Mo., 1914. Alpha Zeta; Gamma Alpha.

Myer, Dillon Seymour, distr. superv. ext., Ohio State Univ., Columbus, O.

Instr. agron., Univ. Ky., 1914-6; co. agrl. agt., Ind., 1916-7; asst. co. agt. leader, Ind., 1918-20; co. agrl. agt., O., 1920-2; present position, 1922-. —*b.* Hebron, O., Sept. 4, 1891; *s.* John H. and Harriet E. (Seymour) M.; reared on farm; *m.* Mary Jenness Wirt, Sept. 4, 1924. B.S.A., Ohio State Univ., 1914. Alpha Zeta.

Myers, Charles Emory, prof. plant-breeding, Penn. State Coll., State College, Pa.

Asst. hort., Penn. State Coll., 1908-10; assoc., 1910-7; present position, 1917-. —*b.* near Tivoli, Pa., Feb. 23, 1882; *s.* John A. and Elizabeth J. (Kester) M.; reared on farm; *m.* Christine Alice Bidelspacher, Dec. 31, 1910; *c.* Chas. Andrew, Christine Elizabeth. B.S., Penn. State Coll., 1908; M.S., Cornell Univ., 1910; Ph.D., Cornell Univ., 1922. Sigma Xi; Acacia.

Myers, Clyde Hadley, prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Asst. plant-breeding, Ill. Exp. Sta., 1907-10; asst. prof., Cornell Univ., 1912-3; prof., 1913-. (Potatoes, timothy). —*b.* Randolph, Ill., Feb. 6, 1883; *s.* John J. and Justina Lauretta (Hadley) M.; reared on farm; *m.* Fleda DeVere Straight, 1910; *c.* John Straight, Marylee. B.S., Ill. Wesleyan, 1907; M.S., Univ. Ill., 1910; Ph.D., Cornell Univ., 1912. Sigma Xi; Tau Kappa Epsilon; Gamma Alpha.

Myers, William Irving, prof. agrl. econ. and farm manag., Cornell Univ., Ithaca, N. Y.

Instr. farm manag., Cornell Univ., 1914-8; asst. prof., 1918-20; prof., 1920-. —*b.* Lowman, N. Y., Dec. 18, 1891; *s.* Geo. B. and Florence (Lowman) M.; reared on farm; *m.* Marguerite E. Troxell, May 29, 1915; *c.* Elizabeth, Wm. I. Jr., Marian, Ruth Margaret. B.S., Cornell Univ., 1914; Ph.D., 1918. Sigma Xi; Phi Kappa Phi; Kappa Delta Rho.

Myrick, Herbert, ed., auth., pub., farmer, Myrick Bldg., Springfield, Mass.

Ed., Farm and Home, pres. New England Homestead, pres. Phelps Pub. Co., Springfield, Mass., and Chicago; dir. Northwest Farmstead (Minneapolis); pres. The Bushnell Co., pubs. Dakota Farmer, Aberdeen, S. D.; pres. American Educ. Press, N. Y., pub. Current Events; pub. Good Housekeeping Magazine, 1900-11; founder Good Housekeeping Inst.; pub. and ed. American Agriculturist (New York); Orange Judd Farmer (Chicago) 1888-1920; Southern Farming (Atlanta, Ga.) 1912-7; founder Sch. Agr., Dom. Sci. and Manual Training, 1910; founder Farmers Political League, 1891; organizer and pres. Metallic Drawing Roll Co.; dir. Fed. Land Bank of Springfield. *Auth.*: How to Cooperate, 1891; Turkeys, How to Grow Them, 1895; Money Crops, How to Grow and How to Sell Them, 1895; Mortgage Lifters, 1895; Tobacco Leaf, 1896; The American Sugar Industry, 1897; The Hop, 1898; The Crisis in Agriculture, 1900; The Book of Corn, 1903; A Swim for Life, 1904; Cache la Poudre--a romance of his western life in the days of Custer, 1905; Promise of Life, 1905; Co-operative Finance, 1912; A National View of Southern Development, 1912; Federal Farm Loan System, 1916; Agricultural Preparedness. 1917; Financing Second Mortgages, 1920; Rural Credits System of U. S., 1922; How to

Use the Agricultural Credits Act of Mar. 4, 1923; Poems by Mother and Son, 1924; Making the Boy into a Citizen, 1924. —*b.* Arlington, Mass., Aug. 20, 1860; *s.* Henry Lewis and Lucy Caroline (Whittemore) M.; reared in country; *m.* Elvira Lawrence Kenson, Aug. 15, 1885; *c.* Cristine, Helen L., Donald. B.S., Mass. Agr. Coll. and Boston Univ., 1882.

Myrick, Hobart D., farmer, Square Butte, Mont.

Banker, Ia., 1898-1907; publisher, Ia., 1908-9; banker, Mont., 1909-10; rancher and wheat farmer, 1911-. Pres. Chouteau Co. Farm Bur.; pres. Mont. Farm Manag. Assoc. (Farm manag.). —*b.* Jones Co., Ia., Jan. 18, 1879; *s.* Chas. T. and Theresa (Pete) M.; reared in town; *m.* Mabel J. Buedel, Aug. 22, 1906; *c.* Eberhard P., Delbert C., Dana H.

N

Nagant, Henri, prof. agrl. chem. and geol., Inst. Agricole d'Oka, La Trappe, Que.

b. Hulsberg, Holland, May 30, 1882; *s.* Julien and Elizabeth (Steeners) N.; reared on farm. Ingenieur agricole, Univ. Louvain, Belgium, 1903; ingenieur forestier, 1905.

Napier, J. M., co. agrl. agt., Darlington, S. C.

Asst. agron., Univ. Wis., 1910; asst. prof. agron., Clemson Agr. Coll.. 1911-2; farm dem. agt., Richland Co., S. C., 1913; dem. agrl. educ., Darlington Co., 1914-. Manag. Darlington Coop. Creamery Co. *Auth.*: (with Barton and Stewart) Agriculture for School and Farm, Vol. I, 1915; Vol. 2, 1916. —*b.* Blenheim, S. C., Aug. 21, 1887; *s.* J. L. and Marietta (Donaldson) N.; reared in village; *m.* Elizabeth Satterwhite, June 12, 1913. B.S., Clemson Agr. Coll., 1908; M.S., Univ. Wis., 1909.

Nash, Claude L., co. agrl. agt., Cassopolis, Mich.

Princ. high-sch., Lawton, Mich., 1909-10; teach. sci. and agr., Union City, 1910-3; instr. agr., Western State Normal, Kalamazoo, summer 1913; superv. agrl. work and sch. gardens, Muskegon High-Sch. and Hackley Manual Training Sch., Muskegon, 1913-6; agt. Branch Co., 1916-23; Cass Co., 1923-. Conducted first farmers school held in Mich. in 1912. Sec. Mich. Soc. Promotion Agrl. Educ., 1912-3; corresponding sec., Muskegan Co. Hort. Soc., 1914. —*b.* Grattan, Mich., June 5, 1884; *s.* Edward P. and Maria (Purdy) N.; reared on farm; *m.* Cherie Campbell, June 1910; *c.* Edward H., Eleanor L., Herbert Lewis, Bruce Campbell. B.S., Mich. Agr. Coll., 1909.

Nason, George Lister, lands. arch., 107 E. Third St., St. Paul, Minn.

Private practice in lands. arch., 1916-24; supt. parks, 1924-. 1st. Lieut. Engineers, World War. —*b.* St. Paul, Minn., May 25, 1886; *s.* Pembroke and Christina (Lister) N.; reared in city; *m.* Catherine Haeusler, 1911; *c.* Geo. L. Jr. C.E., Univ. Minn., 1910; M.L.A., Harvard Univ., 1914.

Nason, Wayne C., asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Prof. hist., Minneapolis Classical Sch., 1900-1; superv. schs., Philippine Isls. 1901-15. Traveled in Orient and Europe. (Community bldgs., rural planning). —*b.* Osceola Mills, Wis., Apr. 17, 1874; *s.* Crocker Fletcher and Evelyn (Fenlason) N.; reared in town and on farm. B.S., Univ. Minn., 1900.

Natho, Karl R., teach. voc. agr., high-sch., Benton, Ill.

Teach. voc. agr., high-sch., Thompsonville, Ill., 1921-2; Benton, 1922-. Private Inf., U. S. Army, World War. (An. nutr. and breeding). —*b.* Danville, Ill., Nov. 5, 1897; *s.* Fred T. and Augusta (Bohn) N.; reared on farm and in town. B.S., Univ. Ill., 1921. Tau Kappa Epsilon.

Naylor, Elizabeth Adeline, home dem. agt., Walters, Okla.

Librarian Okla. Baptist Univ., 1918-22; princ. high-sch., Hillsdale, Okla., 1922-3; home dem. agt. Cotton Co., 1924-. —*b.* Lancaster, Ky., Mar. 22, 1896; *d.* Jas. Daniel and Nellie (Miller) N.; reared on farm and in town. A.B., Okla. Baptist Univ., 1922.

Naylor, Harold Rafe, asst. prof. poultry husb., Okla. A. & M. Coll., Stillwater, Okla.

1st Lieut. Field Art., U. S. Army, 15 mos. —*b.* Sumner Co., Kans., July 23, 1890; *s.* John E. and Etta (Ham) N.; reared on farm; *m.* Ethel Simonson, June 27, 1919. B.S., Okla. A. & M. Coll., 1916.

Neale, John Rogers, co. agrl. agt., Gillette, Wyo.

Jr. land classifier, U. S. Geol. Survey, 1917-8; supt. Neale and Abbott Dairy Co., Manhattan, Kans., 1919-20; asst. land classifier, U. S. Geol. Survey, 1920; supt. Donald Livestock Co., Big Timber, Mont., 1920-3; agrl. agt. Campbell Co., Wyo., 1923-. In U. S. Air Serv., 1918. (An. husb.). —*b.* Pittsburgh, Pa., Feb. 25, 1895; *s.* Alvin Scott and Emma (Rogers) N.; reared on farm; *m.* Lael L. Porter, July 31, 1921; *c.* Geo. Alvin. B.S., Kans. State Agr. Coll., 1917.

Neel, Lake Ross, agrl. writer and supt. Middle Tenn. Exp. Sta., Columbia, Tenn.

On Exp. Sta. farms, Univ. Tenn., 3 summers; conducting coop. experiments, 2 yrs.; teach., Peabody Coll., summers, 1915-6. Former ed., Southern Agriculturist. —*b.* Gap Mills, W. Va., June 22, 1881; *s.* Harry A. and Josephine (Ross) N.; reared on farm; *m.* Julia R. Biddle, June 18, 1913; *c.* Julia Ross. B.S.A., Univ. Tenn., 1907; grad. student, 1908-9.

Neer, Anna Monroe, home dem. agt., Princeton, Ill.

Teach. home econ., high-sch., Chase, Kans., 1917-9; head home econ. dept., Southwestern Coll., Winfield, Kans., 1920-1; home adv. Bureau Co. Ill., 1922-. —*b.* Cambridge, Kans., Dec. 2, 1894; *d.* Jas. Monroe and Ida Anna (Truitt) N.; reared on farm. B.S., Kans. State Agr. Coll., 1917.

Neff, Jacob Carl, co. agrl. agt., 207 Interurban Bldg., Columbus, O.

b. Osborn, O., Feb. 19, 1899; *s.* Frank B. and Anna (Kline) N.; reared on farm. B.S.A., Ohio State Univ., 1920. Sigma Phi Sigma.

Neff, Ward A., ed. Chicago Daily Drovers Journal and vice-pres. Corn Belt Farm Dailies, 836 Exchange Ave., Chicago, Ill.

Sec. Drovers Telegram Co.; vice-pres. Reporter Pub. Co.; vice-pres. Journal Stockman Co.; vice-pres. Drovers Journal Pub. Co.; dir. Employers Indemnity Corp. Served as private U. S. Army, World War. —*b.* Kansas City, Mo., Feb. 11, 1891; *s.* Jay H. and Ellen (Ward) N.; reared in city; *m.* Lylian L. Bingham, Apr. 29, 1925. B.J., Univ. Mo., 1913. Phi Gamma Delta; Sigma Delta Chi (nat. pres. 1923).

Nehrling, Arno Herbert, prof. flor., Cornell Univ., Ithaca, N. Y.

Chg. nature-study and sch. gardens, S. Chicago, 1909; asst. flor., Univ. Ill., 1909; instr. and asst. Exp. Sta., 1910-2; asst. prof. and head dept., Mass. Agr. Coll., 1913-4; assoc. prof., 1914-7; pres. McDonald & Co., florists, Crawfordsville, Ind. 1917-21; present position, 1921-. —*b.* Freistadt, Mo., July 25, 1886; *s.* Henry and Sophie (Schoff) N.; reared in city and country; *m.* Irene Dahlberg, Sept. 18, 1923. Grad. Mo. Bot. Gard. and Shaw Sch. Bot., 1909. Kappa Sigma; Alpha Gamma Rho; Pi Alpha Xi.

Nehrling, Henry, hort., Naples, Fla.

Custodian Milwaukee Public Museum, 1890-1903. *Auth.*: Native Birds of Song and Beauty, 1888-1896; Die Nordamerikanische Vogelwelte, 1888-1890; Die Amaryllis, 1910. (Ornithology, bot., trop. hort.). —*b.* Howard's Grove, Wis., May 9, 1853; *s.* Carl and Elizabeth (Ruge) N.; reared on farm; *m.* Sophie Schoff, July 20, 1874 (d. Nov. 7, 1911); 2d Mrs. Betty P. Mitchell, June 7, 1916; *c.* Lydia, Walter, Bruno, Hildegard, Arno, Hulda, Werner, Hedwig Else, Berthold. Grad. Teach. Sem., Addison, Ill., 1873.

Neidig, Ray E., prof. agrl. chem. and chem. Exp. Sta., Univ. Ida., Moscow, Ida.

Asst. and assoc. chem., Ia. Agr. Exp. Sta., 1910-4; present position, 1916-. —*b.* Mt. Vernon, Ia., Dec. 21, 1888; *s.* Henry E. and Emma (Schottle) N.; reared on farm; *m.* Ada S. Poole, Sept.

4, 1912. B.S., Cornell Coll., 1911; M.S., 1912; Ph.C. Univ. Ia., 1915. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Phi Lambda Upsilon.

Nellist, Russell Ray, superv. sci. and agr., W. State Normal Training Sch. for Teachers, Richland, Mich.

Teach. voc. agr., high-sch., Dowagiac, Mich., 1921-4; present position, 1924-. Sergeant Sanitary Corps, U. S. Army, World War. —*b.* Ada, Mich., Sept. 20, 1895; *s.* Chas. H. and Myrta (Clark) N.; reared on farm; *m.* Audie Mae Loveland, June 3, 1921; *c.* Mary Jean, Margaret Ann. B.S., Mich. Agr. Coll., 1921. Lambda Chi Alpha.

Nelms, Edwin Barnes, teach. agr. and distr. superv., high-sch., Collinsville, Okla.

Princ. schs., 1901-7; princ. high-sch., Frederick, Okla., 1907-13; supt. public instr. Tillman Co., 1913-7; instr. S. W. Okla. State Normal, summer 1915-7; student instr., Okla. A. & M. Coll., 1917-8; instr., 1919; agrl. agt. Pittsburgh Co., 1919-22; present position, 1922-. —*b.* Pittsburgh, Tex., Dec. 21, 1882; *s.* C. N. and Emma (Barnes) N.; reared on farm; *m.* Vada Holloman, Dec. 23, 1902; *c.* Ralph E., Vada Ozell. B.L., Jeff Davis Coll., 1901; grad. S. W. Okla. State Normal, 1917; B.S., Okla. A. & M. Coll., 1918.

Nelson, August L., assoc. agron. and supt. field sta., U. S. Dept. Agr., Box 298, Cheyenne, Wyo.

With Kans. Agr. Exp. Sta., 1911-3; teach. Calif. Poly. Sch., 1915-8; teach. agr., high-sch. Mesa, Ariz., 1918; with U. S. Dept. Agr., 1918-. (Dry-land agr.). —*b.* Sandy, Utah, Apr. 27, 1885; *s.* N. A. and Fidelia E. (Kofford) N.; reared on farm; *m.* Edith Pearson, Dec. 24, 1915. B.S.A., Utah Agr. Coll., 1911; M.S., Kans. State Agr. Coll., 1913.

Nelson, Aven, prof. bot., Univ. Wyo., Laramie, Wyo.

Teach., Drury Coll., Springfield, Mo., 1883-5; princ. public schs., Ferguson, Mo., 1885-7; prof. bot., Univ. Wyo., 1887-; acting pres., 1917-8; pres., 1918-22; pres. emeritus, 1923-. Sec. State Bd. Hort., 1906-. Fellow A. A. A. S., Bot. Soc. Amer. *Auth.*: Report on the Flora of Wyoming, 1896; The Trees of Wyoming and How to Know Them, 1899; Key to Rocky Mountain Flora, 1902; Spring Flora of the Intermountain States, 1910; reviser, New Manual Rocky Mt. Botany, 1909. —*b.* Lee Co., Ia., Mar. 24, 1859; *s.* Christian and Anne (Evenson) N.; *m.* Celia Alice Calhoun, 1885. A.B. and B.Di., State Normal Sch., Kirksville, Mo., 1883; Mast. Sci. Didactics, 1889; A.M., Harvard Univ., 1892; M.S., Drury Coll., 1890; Ph D., Univ. Denver, 1904.

Nelson, Casper Irving, prof. bact., N. D. Agr. Coll., Agricultural College, N. D.

Asst. bact., Univ. Wis., 2 yrs.; present position, 1913-. —*b.* River Falls, Wis., June 16, 1886; *s.* B.C. and Lina (Lien) N.; reared in town; *m.* Josephine H. Mortiboy, July 30, 1912; *c.* Elizabeth H., Robt. C., Dorothy Jane, David E., Donald B. A.B., Univ. Wis., 1912; grad. student, Univ. Chicago.

Nelson, Edward William, chief U. S. Biol. Survey, U. S. Dept. Agr., Washington, D. C.

Sci. explorer, Alaska, 1877-81; naturalist, U. S. steamer Corwin, 1881; with Biol. Survey, U. S. Dept. Agr., 1890-; chief field nat., 1907-12; chg. biol. invests., 1913-4; asst. chief, 1914-5; chief, 1916-. Mem. Death Valley Exped., 1890-1; sci. explorer in Mex., 1892-1906. Pres. Amer. Ornithologists Union, 1908-9, 1912-3; pres. Biol. Soc. of Washington, 1912-3; pres. Amer. Soc. Mammalogists, 1921-4. (Ornithology, mammology). —*b.* Manchester, N. H., May 8, 1855; *s.* Wm. and Nancy M. (Wells) N. Grad. Cook Co. Normal Sch., Chicago, 1875; Sc.D., Geo. Washington Univ.; A.M., Yale Univ.

Nelson, George Allen, co. agrl. agt., St. Helens, Ore.

Supt dairy, Salem, Ore., 1909-10; formerly co. agrl. agt., S. Bend, Wash. Del. to Nat. Farm Manag. Convention. Deputy state dairy and food comnr., 1911-2. —*b.* Sonora, Calif., Jan. 31, 1882; *s.* Cornelius and Anna A. (Suth-

erland) N.; reared on farm; *m.* Clarice E. Dixon, Sept. 1, 1910; *c.* Alford Miles, Velma Lorraine, Eldred George, Ava Clarice. B.S.A., Ore. Agr. Coll., 1909.

Nelson, J. Ward, farm supt. Rochelle Canneries Inc., Rochelle, Ill.

Agrl. adv., Sears & Nichols Canning Co., Chillicothe, O., 1919-21; present position, 1921-. Capt. U. S. Field Art., 1917-9. (Cult. of canning peas and sweet-corn). —*b.* Vermont, Ill., Apr. 19, 1892; *s.* John and Cyrena (Fowler) N.; reared on farm; *m.* Natalia Carson, Sept. 22, 1917; *c.* Jessie Ann, Cyrena, Chas. Edward. B.S.A., Univ. Ill., 1917. Zeta Psi; Alpha Zeta; Alpha Gamma Rho.

Nelson, Lowry, dir. ext. div. and in chg. courses in rural sociol., Brigham Young Univ., Provo, Utah.

Sec. to pres., Utah Agr. Coll., 1916-7; asst. co. agt. leader, 1917-8; co. agrl. agt., 1919-20; ed. Utah Farmer, 1920-2. —*b.* Ferron, Utah, Apr. 16, 1893; *s.* Hyrum A. and Mary A. (Lowry) N.; reared on farm. B.S., Utah Agr. Coll., 1916; M.S., Univ. Wis., 1924. Delta Nu; Gamma Sigma Delta.

Nelson, Martin, vice-dean Coll. Agr. and vice-dir. Exp. Sta., Univ. Ark., Fayetteville, Ark.

Adj. prof. agron., Univ. Neb., 1906-7; asst. prof., 1907-8; prof. agron., Univ. Ark., 1908-13; dean and dir., 1913-20; vice-dean and vice-dir., 1920-; chg. agrl. ext., 1913-5. —*b.* Crawford Co., Wis., Sept. 12, 1871; *s.* Erik and Christine (Olson) N.; reared on farm; *m.* Maude Agnes Farnham, Jan. 22, 1910; *c.* Helen Christine, Isabel May. B.S.A., Univ. Wis., 1905; M.S., 1906. Alpha Zeta.

Nelson, Oran Milton, prof. an. husb., Ore. Agr. Coll., Corvallis, Ore.

Instr. an. husb., Ore. Agr. Coll., 1913-7; assoc. prof., 1917-9; prof., 1919-. *Auth.*: Part III, Potters' Western Live-Stock Management, 1917. (Sheep and wool). —*b.* La Crosse, Wis., Nov. 29, 1888; *s* O. and Matilda (Olsen) N.; reared on farm and in town; *m.* Charlotte Lewis, Aug. 26, 1915. B.S.A., Univ. Wis., 1913. Alpha Zeta; Gamma Sigma Delta; Phi Sigma Kappa.

Nelson, Rufus J., ed. Arkansas Countryman, Fayetteville, Ark.

Rice expert, Ark. Exp. Sta., 1905-8; prof. agr., Univ. Ark., 1908-9; prof. agrl. educ., 1909; ed. Farm and Ranch, Dallas, Tex., 1910-21; originator and organizer self-help clubs in N. W. Ark., 1921; present position, 1923-. Farmer and fruit-grower. Asst. supt. hort. for Ark., St. Louis Expos., 1904. —*b.* Washington, Ark., Dec. 6, 1870; *s.* Sam H. and Alice (Wyatt) N.; reared on farm; *m.* Flossie Ella Sanderford, June 24, 1908; *c.* Alice, Lucile, Arthur, Helen. Normal Diploma, Univ. Ark., 1903; B.S., 1904; M.S., 1907.

Nelson, Sofus Bertelsen, prof. and dean Coll. Vet. Sci. and dir. ext. serv., Wash. State Coll., Pullman, Wash.

House surgeon, Ia. State Coll., 1889-90; present position, 1895-. State vet., Wash., 1895-1911; mem. State Bd. Health, Wash., 1895-1911. Sec. Wash. Live-Stock Assoc., 1904-10; sec. Northwest Live-Stock Assoc., 1910-2; sec. Cascade Intern. Stock Show, 1915. Del. Intern. Convention Tuberculosis, Washington, D. C., 1908. Traveled in Europe, 1893. —*b.* Veile, Denmark, Dec. 21, 1867 (naturalized 1889); *s.* Niels P. and Maria (Bertelsen) N.; reared in town and on farm; *m.* Jettchen Uhden, Nov. 28, 1895. D.V.M., Ia. State Coll., 1889. Phi Kappa Phi; Alpha Psi.

Neptune, Maurice, teach. voc. agr., high-sch., Thorntown, Ind.

b. Thorntown, Ind., May 22, 1891; *s.* J. W. and Nannie (Moore) N.; reared on farm; *m.* Bonnie A. Burkhalter, Feb. 20, 1915; *c.* Maurice Dean. B.S.A., Purdue Univ., 1914. Alpha Tau Omega.

Nesom, George Henry, asst. prof. soil ext., Univ. Minn., University Farm, St. Paul, Minn.

Princ. graded sch., St. Paul Park, 1901-3; Eyota, 1903-4; supt. high-sch., Houston, 1904-8; Graceville, 1908-10; Kenyon, 1910-4. Traveled in England,

1905. (Sandy and peat soils). —*b.* Masham, England, Mar. 1874 (naturalized 1905); *s.* John and Mary (Ghent) N.; reared on farm; *m.* Ana Helena Arny, Aug. 1901; *c.* Esther Gail. B.A., Hamlin Univ., 1900; B.S.A., Univ. Minn., 1916. Gamma Sigma Delta.

Nevens, William Barbour, asst. prof. dairy husb., Univ. Ill., Urbana, Ill.

Asst. dairy husb., Univ. Ill., 1914-7; asst. prof. dairy husb., Univ. Neb., 1917-9; present position, 1921-. —*b.* Winnebago, Ill., Nov. 27, 1885; *s.* Wm. Henry and Jessie F. (Hunter) N.; reared on farm; *m.* Martha C. Langwill, Aug. 6, 1914. B.S. Univ. Wis., 1914; M.S., Univ. Ill., 1917; Ph.D., 1921. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Gamma Sigma Delta; Theta Upsilon Omega.

Newcomer, Erval Jackson, assoc. ent., Bur. Ent., U. S. Dept. Agr., Yakima, Wash.

Asst., Calif. State Comn. Hort., 1911-2; acting instr. ent., Leland Stanford Univ., 1913-4; present position, 1914-. —*b.* Oregon, Ill., May 5, 1890; *s.* Alphonso G. and Carrie M. (Jackson) N.; reared in country; *m.* Ethel Crosby, Aug. 17, 1913; *c.* Barbara Elizabeth, Jerold Anne, Meriel, Erval J. Jr. A.B., Leland Stanford Univ., 1911. Phi Beta Kappa; Sigma Xi.

Newcomer, Ralph Charles, co. agrl. agt., Mandan, N. D.

Princ. village sch., 4 yrs. Pres. N. D. Co. Agts. Assoc., 1924. —*b.* Hesper, Ia. Feb. 10, 1889; *s.* M. V. and Sarah (Heath) N.; reared on farm; *m.* Peryl L. Tarbox, 1913. B.A., Upper Ia. Univ.

Newcomer, W. W., farmer, Denton, Md.

Teach. expression and dramatic art, 13 yrs. Pres. and general manag. Farmers Supply Co., Denton. —*b.* Scottdale, Pa., Jan. 14, 1869; *s.* David M. and Mary E. N.; reared on farm; *m.* Stella B. Sites, Dec. 26, 1896; *c.* Walter D., Park W., Donald S., Dwight E., Paul M. A.M., Ohio Northern Univ.

Newell, Sterling Ruffin, co. agrl. agt., Prince Frederick, Md.

Farm manag., Montpelier Manor, Laurel, Md., 1922; educ. dir., U. S. Veterans Bur., Univ. Md., 1923; superv. agr., U. S. Veterans Bur., 1924; agrl. agt. Calvert Co., 1925-. (Agrl. econ.). —*b.* Falls Church, Va., Nov. 13, 1898; *s.* Geo. Morgan and Elizabeth (Coghill) N.; reared on farm. B.S.A., Univ. Md., 1922. Kappa Alpha.

Newell, Wilmon, plant comnr., State Plant Bd., dean Coll. Agr. and dir. Exp. Sta., Univ. Fla., Gainesville, Fla.

Asst. ent., Ia. State Coll., 1897-9; asst. ent., Ohio Exp. Sta., 1899-1902; asst. state ent. and apiarist, Tex., 1902-3; state ent., Ga., 1903-4; ent. and sec. La. Crop Pest Comn., 1905-10; state ent. and prof. ent., Tex. A. & M. Coll., 1910-5; plant comnr., Fla. State Plant Bd., 1915-; dean. Coll. Agr. and dir. Exp. Sta., Univ. Fla., 1921-. Pres. Amer. Assoc. Econ. Ent., 1920. Fellow A. A. A. S. Investigated black fly in Cuba, 1917-8. —*b.* Hull, Ia., Mar. 4, 1878; *s.* Wm. Jas. and Elizabeth (Anderson) N.; reared on farm; *m.* Helen Marie Mabee, Feb. 12, 1907. B.S., Ia. State Coll., 1897; M.S., 1899; D.Sc., 1920. Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

Newhouse, Milton John, manag. N. Pacific Coop. Prune Exchange, 310 Worcester Bldg., Portland, Ore.

Princ. high-sch. and instr. agr., Kirkland, Wash., 1911-5; instr. elementary sci., Wash. State Coll., 1915-7; agt. Pond Oreille Co., Apr.-Nov., 1917; formerly agt. Clarke Co. —*b.* Ten Post, Netherlands, Mar. 20, 1885 (naturalized 1910); *s.* John and Ethel (Wigboldus) N.; reared on farm; *m.* Ethel Smawley, Aug. 15, 1913. A.B., Wash. State Coll., 1911; B.S., 1917. Alpha Zeta; Phi Delta Theta.

Newins, Harold Stephenson, prof. wood utilization, Penn. State Coll., State College, Pa.

Instr. for., Ore. Agr. Coll., 1911-3; asst. prof., 1913-5; assoc. prof., 1915-20; prof., 1920-2; eastern manag., Dry Kiln dept., Cutler Desk Co.,

Buffalo, N. Y., 1920-2; present position, 1922-. Distr. dry kiln insp., U. S. Air Serv., 1918-20. —*b.* Patchogue, N. Y., Nov. 30, 1887; *s.* H. DeWitt and Geraldine (Stephenson) N.; reared in town; *m.* Ella Helene Schmidt, June 18, 1915; *c.* Grace R., Harold S. Jr. Ph.B., Lafayette Coll., 1909; M.F., Yale Univ., 1911. Phi Gamma Delta.

Newlander, Carl Edwin, farmer, Geneva, N. Y.

Instr. dairy manufacture, Mich. Agr. Coll., 1912-6; asst. prof., 1916-7; dairy manufacturing specialist, Bur. An. Ind., U. S. Dept. Agr., 1917-20; asst. prof., Mich. Agr. Coll., 1921; insp., Bur. Dairying, Mich. Dept. Agr., 1922-4; farmer, 1925-. —*b.* Benton, N. Y., Sept. 11, 1886; *s.* August and Anna (Pearson) N.; reared on farm; *m.* Ida Victoria Hard, Mar. 20, 1915; *c.* Virginia May, Carl E. Jr., Harold Alvin. B.S., Cornell Univ., 1912.

Newlon, Wilson Earle, ext. poultry specialist, Univ. Calif., Berkeley, Calif.

Supt. poultry plant, Mich. Agr. Coll., 1917; inst. poultry husb., 1919-20; asst. prof., 1921-2; present position, 1922-. Served in U. S. Army, 1917-8. —*b.* Buckhannon, W. Va., Apr. 23, 1892; *s.* Joseph A. and Flavilla (Johns) N.; reared on farm; *m.* Jessie Margaret MacCornack, Aug. 12, 1922. B.S.A., Mich. Agr. Coll., 1917.

Newman, Charles Carter, prof. hort. and hort. Exp. Sta., Clemson Agr. Coll., Clemson College, S. C.

Asst. hort., S. C. Exp. Sta., 1897-9; assoc. prof. and asst. hort., 1899-1900; present position, 1900-. —*b.* Sparta, Ga., Sept. 6, 1874; *s.* Jas. Stanley and Elberta (Lewis) N.; reared on farm; *m.* Grace Strode, May 7, 1912; *c.* Aubrey, Carter, Mildred, Wilson. B.S., Clemson Agr. Coll., 1896.

Newman, Clifford Lewis, assoc. ed. The Progressive Farmer, Raleigh, N. C.

Asst. prof. agr., Univ. Tenn., 1887-9; princ. distr. agrl. sch., Athens, Ala., 1889-91; asst. agrst., Ark. Exp. Sta., 1891-7; agrst. and prof. agr., Univ. Ark., 1897-1905; prof. agron. and agrst., Clemson Agr. Coll., 1905-8; prof. agron., N. C. A. & M. Coll., 1908-19. —*b.* Columbus, Ga., July 25, 1864; *s.* Jas. Stanley and Elberta (Lewis) N.; reared on farm. B.S., Ala. Poly. Inst., 1886; M.S., 1887. Phi Delta Theta.

Newman, Walter Stephenson, assoc. agrl. educ., Va. Poly. Inst., Blacksburg, Va.

Asst. an. husb., Va. Poly. Inst., 1918-9; instr. voc. agr., high-sch., Windsor, Va., 1919-22; asst. prof. agrl. educ., Va. Poly. Inst., 1922-3; assoc. prof., 1923-. —*b.* Woodstock, Va., July 20, 1895; *s.* Walter H. and Birdie S. (Stephenson) N.; reared on farm and in town; *m.* Liz Otey Hoge, June 23, 1920; *c.* Walter S. Jr. B.A., Hampden-Sidney Coll., 1917; M.S.A., Va. Poly. Inst., 1919. Theta Chi.

Newsom, I. E., prof. vet. path. and path. Exp. Sta., Colo. Agr. Coll., Fort Collins, Colo.

Asst. vet. sci., Colo. Agr. Coll., 1906-7; prof. vet. anat., 1907-12; prof. vet. path., 1912-. State meat insp., Colo., 1907. Sec. Colo. Vet. Med. Assoc., 1912-24. (Sheep diseases). —*b.* Mitchell Co., Tex., Apr. 13, 1883; *s.* Eli and Lydia (Russell) N.; reared on farm; *m.* Jessie S. Woods, July 8, 1905; *c.* Fern Shirley. B.S., Colo. Agr. Coll., 1904; D.V.S., San Francisco Vet. Coll., 1906; D.V.S., Kans. City Vet. Coll., 1909. Alpha Psi.

Newsom, James Frederick, agrl. development agt., Kansas City Southern Ry. Co., Kansas City, Mo.

Teach. public schs., 1894-6; adj. prof. languages, Poly. Coll., Ft. Worth, Tex., 1896-8; prof. ancient languages, Hargrove Coll., Ardmore, Okla., 1898-1900; newspaper work and student dry-farming, 1900-4; dry-farmer, 1904-15; agrl. agt. Beaver Co., Okla., 1915-9; present position, 1919-. Supt. agrl. exhibits, Intern. Soil Products Expos., Kansas City, 1919. —*b.* Cherokee, Ala., Mar. 2, 1871; *s.* John E. and Mattie (Brandon) N.; reared on farm; *m.* Mary Hardin, Sept. 7, 1905; *c.* Uarda Fred, John Hardin. B.S., Poly. Coll., Ft. Worth, Tex., 1894; A.B., 1898.

Newton, John Dawson, assoc. prof. soils, Univ. Alta., Edmonton, Alta.

Asst. agron., Univ. B. C.; present position, 1923-. —*b.* Plaisance, Que., Dec. 14, 1894; *s.* John and Elizabeth (Brown) N.; reared on farm. B.S.A., McGill Univ., 1917; Ph.D., Univ. Calif., 1922.

Newton, Robert, prof. field husb., Univ. Alta., Edmonton, Alta.

Dem., Macdonald Coll., 1912; asst. Dominion cerealist, Cent. Exp. Farm, Ottawa, 1913; dir. agrl. schs. and field husb., N. B., 1914-5; asst. prof. field husb., Univ. Alta., 1919-22; prof. 1922-. Capt. Canadian Field Art., 1915-9; served in France, 3 yrs. —*b.* Montreal, Que., Feb. 7, 1889; *s.* John and Elizabeth (Brown) N.; reared on farm; *m.* Emma Florence Read, July 31, 1914. B.S.A., McGill Univ., 1912; M.S., Univ. Minn., 1922; Ph.D., 1923.

Newton, Samuel Thomas, princ. Consolidated Rural High-Sch., Foxwarren, Man.

Teach. public schs., 5 yrs.; teach. manual training, Winnipeg, 5 yrs.; asst. superv., 2 yrs.; chg. woodworking dept., Kelvin Tech. Sch., Winnipeg, 1 yr., chg. tech. dept., 2½ yrs.; dir. agrl. ext. serv., 9 yrs. —*b.* Violet Hill, Ont., Jan. 27, 1875; *s.* Wm. and Sarah A. (Marshall) N.; reared on farm; *m.* Annie B. Borden, July 8, 1907; *c.* Merlin Borden, Vera. Student Toronto Univ., 1 yr.

Nicholls, John W., teach. voc. agr., high-sch., Prospect, O.

b. Williamstown, O., Jan. 13, 1900; *s.* Chas. and Ella (Brown) N.; reared on farm. B.S.A., Syracuse Univ., 1922.

Nicholls, William Durrett, prof. farm econ., Univ. Ky., Lexington, Ky.

Asst. an. husb., Ky. Exp. Sta., 1907-8; manag. and joint proprietor of farm, Bloomfield, Ky., 1908-12; asst. prof. an. husb., Univ. Ky., 1912-6; prof. and head dept. farm econ., 1916-. —*b.* Bloomfield, Ky., Feb. 6, 1885; *s.* Archibald W. and Elizabeth (Dougherty) N.; reared on farm; *m.* Mary Elizabeth Hord, Sept. 1, 1913; *c.* Wm. Hord, Mary Elizabeth, Louise. B.S.A., Univ. Ky., 1907; M.S.A., 1915. Alpha Zeta.

Nichols, De Lore, co. agrl. agt., Morgan, Utah.

Farmer, 1911-3; co. agt., Flagstaff, Ariz., 1917-9; Morgan Co., Utah, 1920-. War garden superv., Apr.-Sept. 1917. Traveled in Great Britain and Europe. —*b.* Brigham City, Utah, July 14, 1889; *s.* Geo. W. and Lora (Jensen) N.; reared on farm. B.S., Utah Agr. Coll., 1917. Delta Nu.

Nichols, Floyd Bruce, manag. ed., The Capper Farm Press, Topeka, Kans.

Agrl. ed., The Fruit Grower, St. Joseph, Mo., 1912-3; field ed., The Capper Farm Press, 1913-5; assoc. ed., 1915-8; manag. ed., 1919-. In U. S. Army in France, 1918-9. *Auth.*: Making Money on Farm Crops, 1913. (Soil fert.). —*b.* Buffalo, Kans., Sept. 15, 1890; *s.* Hiram Armstrong and Lucinda (Millron) N.; reared on farm; *m.* Nell Beaubien, June 21, 1917. B.S., Kans. State Agr. Coll., 1912.

Nichols, Harry Esmond, ext. assoc. prof. hort., Ia. State Coll., Ames, Ia.

Manag. fruit farm, Sioux City, Ia., 1917; asst. pom., Ia. Exp. Sta., 1918; present position, 1919-. Served in U. S. Army. —*b.* Chicago, Ill., Mar. 15, 1893; *s.* Lincoln and Lucy (Palmer) N.; reared in town; *m.* Mary Mears, Aug. 22, 1918. B.S., Ia. State Coll., 1917. Gamma Sigma Delta.

Nichols, Mark Lovell, prof. agrl. engin., Ala. Poly. Inst., and agrl. engin. Exp. Sta., Auburn, Ala.

Agron., T. N. Vail Agr. Sch., 1915; asst. prof. agron., Del. Coll., 1915-8; agrl. engin., Va. Poly. Inst., 1918-9; present position, 1919-. —*b.* Bellevue, O., Jan. 24, 1888; *s.* M. R. and Alice (McCrillis) N.; reared in village; *m.* Nina A. Griffin, Jan. 24, 1913. B.S.A., Ohio State Univ., 1912; M.S., Del. Coll., 1918. Alpha Zeta.

Nichols, Nell Beaubien, writer, contr. household ed. Farm and Fireside, 809 W. 11th St., Topeka, Kans.

Agrl. journalism dept., Univ. Wis., 1918-9. Traveled Europe, 1924. *Auth.*:

The Farm Cook and Rule Book, 1923. —*b.* Maple Hill, Kans., Aug. 28, 1895; *d.* Hector E. and Rachel (Curtis) Beaubien; reared on farm; *m.* Floyd B. Nichols, June 21, 1917. B.S., Kans. State Agr. Coll., 1916; M.S., Univ. Wis., 1917.

Nichols, Paul Frothingham, grade standardization tech., Sun Maid Raisin Growers, 148 S. Anderson St., Los Angeles, Calif.

Princ. high-sch., Jonesboro, Me., 1913-4; asst. health officer, Summit, N. J., 1917; invest. commercial dehydration, Bur. Chem., U. S. Dept. Agr., 1918-24; present position, 1924-. 2d Lieut. Sanitary Corps, U. S. Army, 1918. (Dehydration of fruits and vegetables). —*b.* Everett, Mass., Nov. 26, 1893; *s.* Geo. R. F. and Mabel M. M. (Turner) N.; reared in city and on farm; *m.* Fossie E. Seekins, Dec. 22, 1917; *c.* Barbara Gould. B.S., Bates Coll., 1916; student Mass. Inst. Tech., 1916-7.

Nichols, Ross, co. agrl. agt., Plattsburg, Mo.

b. Fairmont, Mo., Oct. 2, 1884; *s.* H. N. and Ida May (Starr) N.; reared on farm; *m.* Margaret B. Tompkins, Aug. 22, 1907; *c.* Carroll Starr, Oneta Marie, Marguerite Lucile. Student Univ. Mo.

Nicholson, John Frederick, assoc. prof. ext., Univ. Mo., Columbia, Mo.

Asst. bact., Wis. Exp. Sta., 1900-2; N. Y. Agr. Exp. Sta., Geneva, 1902-3; Okla. A. & M. Coll., 1903-5; prof. bot. and ent., 1905-9; prof. bact., Univ. Ida., 1909-15; vice-dir. Ida. Exp. Sta., 1915; superv. farm marketing, St. Louis and San Francisco R. R., 1915-6; prof. agron., and agron. Exp. Sta., Univ. Ariz., 1916-7; marketing specialist for Ark. and U. S. Dept. Agr., 1917-22; present position, 1922-. —*b.* Brodhead, Wis., July 9, 1878; *s.* Frederick Wm. and Alice (Cronk) N.; *m.* Hazel Isaacs, July 4, 1904. B.S., Univ. Wis., 1900; M.S., 1902.

Nichter, Albert Michael, instr. voc. agr., Posey Township High-Sch., Elizabeth, Ind.

Instr. voc. agr., DePauw, Ind., 1920-1; instr. sci., New Middletown, 1921-2; instr. voc. agr., Gettysburg, O., 1922-3; present position, 1923-. —*b.* LaFayette, Ind., Aug. 13, 1898; *s.* John and Catherine N.; reared on farm. B.S.A., Purdue Univ., 1920. Phi Kappa Tau.

Nicolson, John Whitley, pres. and manag. Safeseed Inc., 327 S. La Salle St., Chicago, Ill.

Farmer, 1915-6; ext. specialist farm crops, Mich. Agr. Coll., 1916-20; manag. seed dept., Mich. State Farm Bur., 1920-4; present position, 1924-. Sec.-treas. Mich. Crop Improvement Assoc., 1916-20; sec.-treas. Intern. Crop Improvement Assoc., 1919-22, pres., 1922-4. —*b.* Mareette, Mich., Apr. 8, 1892; *s.* John and Nancy (Whitley) N.; reared on farm; *m.* Josephine L. Fry, July 17, 1917; *c.* John Stuart, Betty Ann. B.S.A., Mich. Agr. Coll., 1915. Alpha Zeta.

Nielsen, Johannes W., agron., Neb. School of Agr., Curtis, Neb.

b. Howard Co., Neb., Dec. 17, 1898; *s.* N. C. and Wilhelmina (Sorensen) N.; reared on farm; *m.* Edith V. Burr, Dec. 25, 1923; *c.* Helane J. B.Sc., Univ. Neb., 1922; M.S., Ia. State Coll., 1923. Gamma Sigma Delta; Alpha Zeta; Alpha Kappa Delta.

Niesley, Howard Graybill, prof. agrl. econ. ext., Penn. State Coll., State College, Pa.

Princ. high-sch., Palenville, N. Y., 1911-3; formerly co. agrl. agt., Harrisburg, Pa. —*b.* Carlisle, Pa., Mar. 22, 1890; *s.* John B. and Lizzie E. (Graybill) N.; reared on farm. B.S., Penn. State Coll., 1917; M.S., Univ. Wis. Alpha Zeta.

Niles, L. De Witt, hort., path., chg. The Palmer Corp., Sarasota, Fla.

Teach. Cornell Univ., Mt. Vernon, Ia., 1900-2; with Minn. Exp. Sta., 1906-8; chg. packing house for Ronnoc Grove, 1908-11; chg. Lucerne Park grove develop., 1911-24; present position, 1924-. Treas. Fla. State Hort. Soc., 1921-. Ed. grove problem dept., The Citrus Industry. —*b.* Wyoming, Ia., Aug. 1, 1869; *s.* Willard S. and

Isadora (De Witt) N.; reared on farm; *m.* Myrtle Whitney, Apr. 18, 1901; *c.* Margaret I., Elden W.

Nisonger, Herschel Ward, asst. prof. agrl. educ., Ohio State Univ., Columbus, O.

Princ. high-sch., 1914-20; present position, 1920-. —*b.* Ithaca, O., Mar. 18, 1890; *s.* Perry and Laura (Crawford) N.; reared on farm; *m.* Ethel Peffly, 1914; *c.* Imojean, Joe. B.S.A., Ohio State Univ., 1914. Phi Delta Kappa.

Nissley, Walter Baer, prof. veg. gard. ext., Penn. State Coll., State College, Pa.

Instr. hort., Penn. State Coll., 1910-4; prof. hort., L. I. State Sch. Agr., 1914-7; commerical veg. grower, 1917-9; present position, 1919-. Sec. Pa. State Veg. Growers Assoc. —*b.* Florin, Pa., Feb. 23, 1885; *s.* Amos R. and Frances L. (Lane) N.; reared on farm; *m.* Louise Audrey Cox, Aug. 5, 1913; *c.* Frances Elaine, Robt. Whitehill. B.S., Penn. State Coll., 1910. Delta Tau Delta; Gamma Sigma Delta.

Niswonger, Holly Ray, ext. hort., N. C. State Coll., Asheville, N. C.

Fruit and truck farmer, 4 yrs. —*b.* Brookville, O., Oct. 8, 1884; reared on farm and in city. B.S., Antioch Coll., 1909; A.M., Ohio State Univ., 1911.

Nitzschke, Alvin John, co. agrl. agt., hort., Blue Ridge, Ga.

Pecan and fruit specialist, Ga., 13 yrs. —*b.* Utica, N. Y., Feb. 18, 1889; *s.* R. F. A. and Louise (Krieg) N.; *m.* Mary E. Creedon, Oct. 9, 1911. B.S.A., Cornell Univ., 1911.

Nixon, Harry Corwin, farmer and provincial sec. agr., St. George, Ont.

Lect., Ont. Agr. Coll. Mem. Parliament. —*b.* St. George, Ont., Apr. 1, 1891; *s.* Henry and Margaret (Gage) N.; reared on farm; *m.* Alice Jackson; *c.* Margaret Anna, Jack Corwin, Katharine Alice. B.S.A., Ont. Agr. Coll., 1913.

Nixon, Roy Wesley, jr. hort., U. S. Dept. Agr., U. S. Date Gard., Indio, Calif.

Seaman, U. S. Navy, 1917-9. (Trop. and semi-trop. fruits). —*b.* Dade City, Fla., Aug. 15, 1895; *s.* T. J. and Leonora Alice (Blalock) N.; reared in town; *m.* Katherine S. Bogue, Aug. 30, 1924. B.S.A., Univ. Ariz., 1922. Phi Kappa Phi.

Noble, Clarence Vernon, asst. prof. farm manag., Cornell Univ., Ithaca, N. Y.

Farm operator, Federalsburg, Md., 1902-7; stenographer Atlantic Refining Co., Wilmington, Del., 1907; Fairbanks, Morse & Co., N. Y., 1907-9; Brooklyn Navy Yard, 1909-12; instr. farm manag., Cornell Univ., 1916-20; asst. prof., 1920-. —*b.* Federalsburg, Md., Sept. 5, 1885; *s.* Wm. Alfred and Mahala (Noble) N.; reared on farm; *m.* Beatrice M. Wood, June 26, 1918; *c.* Grace B., Frank W., Robt. V. B.S., Cornell Univ., 1916; Ph.D., 1920.

Noble, John William, farmer, Harrow, Ont.

Agrl. rep., Essex Co., Ont., 1914-21. Sec. Ont. Corn Growers Assoc., 1915-7; sec. Ont. Duroc-Jersey Breeders Assoc., 1919-21. —*b.* Hornings Mills, Ont., July 14, 1893; *s.* Wm. Geo. and Elizabeth (McGhee) N.; reared on farm; *m.* Anna Mildred Heather, Aug. 12, 1914; *c.* Fred Wm. Kitchener, Margery Elizabeth, Ada Dorothy. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1913.

Nolan, Aretas Wilbur, assoc. prof. agrl. educ., Univ. Ill., Urbana, Ill.

Princ. high-sch., Lima, Ind., 1904-8; assoc. prof. agrl. educ., W. Va. Univ., 1908-12; present position, 1912-; state supervy. agrl. educ., 1918-. *Auth.*: One Hundred Lessons in Elementary Agriculture, 1911; Agriculture and Home Projects, 1916; The Teaching of Agriculture, 1918; A Year in Agriculture with Home Projects, 1918. —*b.* Edgar Co., Ill., June 1, 1874; *s.* Fielden C. and Sarah M. (Pinson) N.; reared on farm; *m.* Myrta Phillips, Dec. 28, 1898; *c.* Phyllis M. A.B., Univ. Ind., 1905; M.S., W. Va. Univ., 1911; Ph.D., Univ. Ill., 1924. Kappa Alpha; Kappa Delta Pi; Phi Delta Kappa.

Noland, David Reeves, dairy specialist, Phenix Cheese Co., S. Edmeston, N. Y.

Formerly dairy manufacturing specialist, U. S. Dept. Agr. —*b.* Crabtree, N. C., May 22, 1894; *s.* David R. and Etta (Reeves) N.; reared on farm. B.S., Cornell Univ., 1915.

Nolen, John, city planner, Cambridge, Mass.

Pres. Nat. Conf. on City Planning; pres. Amer. City Planning Inst.; vice-pres. Amer. Civic Assoc.; delegate to Intern. Town Planning Conf., Gothenburg, Sweden, 1923. Mem. Adv. Housing Comn., Emergency Fleet Corp.; chief Bur. Housing and Town Planning, Army Educ. Comn.; mem. com. on city planning and zoning, Conf. on Street and Highway Safety, Dept. Commerce; mem. Nat. Conf. on Outdoor Recreation; mem. Amer. Fed. of Arts. *Auth.*: Repton's Art of Landscape Gardening, 1907; Replanning Small Cities, 1912; City Planning, 1916; New Ideals in the Planning of Cities, Towns and Villages, 1919. (Town and country planning). —*b.* Philadelphia, Pa., June 14, 1869; *s.* John C. and Matilda (Thomas) N.; reared in city; *m.* Barbara Schatte, Apr. 22, 1896; *c.* John, Barbara, Edward, Humphrey. Ph.B., Univ. Penn., 1893; A.M., Harvard Univ., 1905; Sc.D., Hobart Coll., 1913. Beta Theta Pi.

Noll, Charles Franklin, prof. expl. agron., Penn. State Coll., State College, Pa.

b. Green Park, Pa., July 22, 1878; *s.* Jonas and Rosanna (Hostetter) N.; reared on farm; *m.* Nora Crilly, Sept. 15, 1910; *c.* John Jacob, Chas. Joseph, Wm. Edward, Alice Catherine. B.S., Penn. State Coll., 1906; M.S., Cornell Univ., 1911; Ph.D., 1923. Sigma Xi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Norcross, Gardner Clyde, co. agrl. agt., 106 Main St., Brockton, Mass.

Dairy farmer, 1921-4. 2d Lieut. U. S. Army, 1917-8. —*b.* Springfield, Mass., July 15, 1893; *s.* Gardner W. and Mary H. (Manley) N.; reared in city and country; *m.* Mildred M. Moulton, Apr. 24, 1920; *c.* Gardner C. Jr., Adrian Moulton. B.S., Mass. Agr. Coll., 1919. Kappa Gamma Phi.

Norcross, Harry Cecil, co. agrl. agt., Torrington, Conn.

b. Springfield, Mass., June 21, 1895; *s.* Gardner Wright and Mary Hortensia (Manley) N.; reared in city and on farm; *m.* Pearl Ida Wiggins, Sept. 5, 1923; *c.* MacLane Wright. B.S., Mass. Agr. Coll., 1923. Lambda Chi Alpha.

Nordby, Julius Edward, assoc. prof. an. husb., Univ. Ida., Moscow, Ida.

Instr., Univ. Ida., 1916-8; Exp. Sta. staff, 1919-20; live-stock development work, 1920-2; present position, 1922-. 2d Lieut. Aviation Sect., U. S. Army, 1918. —*b.* Soldier, Ia., Apr. 27, 1887; *s.* M. H. and Julia Bertha (Severson) N.; reared on farm; *m.* Martha Josephine Barstad, Dec. 27, 1922. B.S.A., Univ. Ida., 1915; M.S.A., Univ. Ill., 1916. Gamma Alpha; Alpha Zeta.

Norgord, Christian Percival, asst. comnr. farms and markets, Albany, N. Y.

Princ. high-sch., 1899-1902; special agt. on barley breeding, U. S. Dept. Agr., 1905-6; agron., Univ. Ark., 1907-9; assoc. agron., Univ. Wis., 1909-13; supt. farmers insts., 1913-5; comnr. agr., Wis., 1915-23; present position, 1923-. Pres. Wis. Exp. Assoc., 1910-4; sec. treas. and pres. Nat. Assoc. Comnrs. and Depts. of Agr., 1919-23. (Agron.). —*b.* Frederickshaven, Denmark, Oct. 25, 1874; *s.* Jas. and Bertha (Hansen) N.; reared on farm; *m.* Effie M. Molley, July 29, 1902; *c.* Gladys, Lucile, Helen. Ph.B., Univ. Wis., 1903; B.S.Agr., 1905; M.S., 1923. Alpha Zeta.

Norris, George Wesley, asst. manag. Md. Tobacco Growers Assoc., Baltimore, Md.

Truck farmer, Anne Arundel Co., Md., 1914-5; co. agrl. agt., Annapolis, Md., 1919-24; present position, 1924-. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Huntington, W. Va., Apr. 18, 1888; *s.* John Byrd and Hattie Catherine (Bitzberger) N.; reared on farm and in town; *m.* Nellie I. Holmes, 1909 (d. 1917); 2d Eleanor Ridout, 1920; *c.* Geo. W. Jr., Robt. B., Wm. Ridout, Mary Ellen. B.S., Md. State Coll., 1919. Kappa Alpha.

North, Thomas Paul, dir. voc. educ., Union Voc. Sch., Corsica, Pa.

b. Punxsutawney, Pa., July 2, 1893; *s.* John G. and Clara N.; reared on farm and in town; *m.* Marjorie Taylor, Feb. 14, 1919; *c.* Thos. P. Jr., Marjorie Grey. B.S., Penn. State Coll., 1917. Omega Epsilon.

Norton, Darwin Parker, teach. agr. and princ. high-sch., Machias, N. Y.

Teach. agr., Union Acad., Belleville, N. Y., 1918-20; present position, 1920-. —*b.* Morrisville, N. Y., Mar. 30, 1894; *s.* Albert Deloss and Ada (Parker) N.; reared on farm; *m.* Nina Sprague Matteson, 1920; *c.* Avis Lucille, Roger Darwin. B.S., Cornell Univ., 1918. Phi Delta Kappa.

Norton, Harvard, lands. arch. and city planner, 208 N. Washington Ave., Royal Oak, Mich.

Lands. arch., Cleveland, O., 1915-7; with U. S. Housing Corp., 1917-9; asst. to chief exec., Detroit City Plan Comn., 1919-24. Mem. Amer. Soc. Lands. Arch. —*b.* Milton, N. H., Dec. 24, 1891; *s.* Wm. Kimball and Lilla Marion (Norton) N.; reared in city; *m.* Ellen Queen, Sept. 16, 1918; *c.* Horace Kimball, Chas. Edmond. B.A., Harvard Univ., 1913; M.L.A., 1915.

Norton, Jesse Baker, plant-breeder, Hartsville, S. C.

Librarian, Mo. Bot. Gard., 1899-1900; asst., U. S. Dept. Agr., 1900; asst. ent., Kans. State Agr. Coll., 1900-2; asst. prof. plant-breeding, Cornell Univ., 1907-8; asst. physiologist, Bur. Plant Ind., 1902-7; physiologist, 1908-18; agrl. explorer, 1919-20. Fellow A. A. A. S. (Asparagus, spinach). —*b.* Leadvale, Tenn., Aug. 19, 1877; *s.* Samuel J. and Louisa (Kenyon) N.; reared in town and country. B.Sc., Kans. State Agr. Coll., 1897; M.Sc., 1901. Sigma Xi.

Norton, John Bitting Smith, bot. and plant path., Md. State Coll., College Park, Md.

Asst. bot., Kans. Exp. Sta., 1895-6; bot. asst., Mo. Bot. Gard., 1896-1901; prof. bot., Md. State Coll., 1901-. Sec. Md. State Hort. Soc., 1903-4; vice-pres. Amer. Dahlia Soc., 1915-8. Fellow A. A. A. S. (Euphorbiaceae, Mycosphaerella, Dahlia nomenclature, breeding for disease resistance). —*b.* E. Tenn., Apr. 7, 1872; *s.* Samuel J. and Louisa (Kenyon) N.; reared in country and city; *m.* Gertrude J. Havens, 1897; 2d, Jennie Webster, 1907; *c.* Dorothy Viola, Frances Louise, Elizabeth Webster. B.S., Kans. State Agr. Coll., 1896; M.S., 1899; D.Sc., Univ. Md., 1924.

Norwood, George Alexander, banker, Goldsboro, N. C.

Pres. Nat. Bank of Goldsboro and Goldsboro Savings and Trust Co. Pres. Tri-State Tobacco Growers Coop. Assoc. Farm operator. —*b.* Hartsville, S. C., Jan. 7, 1863; *s.* Geo. A. and Louisa (Wilkins) N.; reared in city; *m.* Louise Hart, Aug. 10, 1886; *c.* 8. Student Wake Forest Coll., N. C., 2 yrs. Kappa Alpha.

Norwood, Joseph White, business manag. and ed. Market Growers Journal, 2115 Everett Ave., Louisville, Ky.

Formerly asst. ed. Louisville Herald. Organization sec. Veg. Growers Assoc. of Amer. —*b.* Clay Co., Ky., Aug. 23, 1877; *s.* C. J. and Sarah E. (White) N.; *m.* Harriett E. Billingsley, Apr. 27, 1905; *c.* Jo, Nancy. B.S., Center Coll., Danville, Ky., 1899.

Nourse, Edwin Griswold, chief agrl. econ. sect., Inst. of Econ., Washington, D. C.

Instr., Wharton Sch. Commerce and Finance, Univ. Penn., 1909-10; prof. econ. and sociol., Univ. S. D., 1910-2; asst. political econ., Univ. Chicago, 1914-5; prof. econ. and sociol., Univ. Ark., 1915-8; prof. agrl. econ. and chief agrl. econ. sect. Exp. Sta., Ia. State Coll., 1918-23; present position, 1923-. Pres. Amer. Farm Econ. Assoc., 1924. *Auth.*: Agricultural Economics, 1916; Outlines of Agricultural Economics, 1917; The Chicago Produce Market, 1918; American Agriculture and the European Market, 1924. —*b.* Lockport, N. Y., May 20, 1883; *s.* Edwin Henry and Harriet Augusta (Beeman) N.; reared in village; *m.* Ray Marie Tyler, Aug. 17, 1910. A.B., Cornell Univ.,

1906; Ph.D., Univ. Chicago, 1915. Gamma Sigma Delta; Phi Kappa Phi; Alpha Zeta.

Noyes, Harry Alfred, res. chem. and bact. with Dr. R. F. Bacon and Tex. Gulf Sulphur Co., New York, N. Y.

Res. asst. chem. and bact., Purdue Univ. Exp. Sta., 1914-7; res. assoc., 1917-8; fellow Mellon Inst. Ind. Res. and res. dir. for Welch Grape Juice Co., 1918-22; res. chem., Mich. State Dept. Agr., 1922; cereal chem., Mich. Agr. Exp. Sta., 1922-3; present position, 1923-. Chm. agrl. and food div. Amer. Chem. Soc., 1923-4. —*b.* Marlborough, Mass., July 7, 1890; *s.* Lambert Alfred and Bertha (Keirstead) N.; reared in city and country; *m.* Florence J. Fisherdick, June 25, 1913; *c.* Lorraine F., Arthur Alfred, Carol Warren. B.S., Mass. Agr. Coll., 1912; M.S., 1914. Sigma Xi; Beta Kappa Phi.

Noyes, John, lands. designer, Mo. Bot. Garden, St. Louis, Mo.

Instr. lands. design, Mass. Agr. Coll., 1909-11; with Jens Jensen, 1909; Warren H. Manning, 1910-4; George E. Kessler, 1917-20; private practice, 1921-; with Mo. Bot. Garden, 1914-. Asst. town planner, U. S. Housing Corp., 1917-8. Treas. Miss. Valley chapter Amer. Soc. Lands. Arch. —*b.* Roslindale, Mass., Mar. 12, 1886; *s.* John Davis and Carrie (Proctor) N.; reared in city; *m.* Betsy Allen Abbe, 1914; *c.* John Jr., Elizabeth. B.S., Mass. Agr. Coll., 1909.

Nuckols, Samuel B., assoc. agron., in sugar beet invests., U. S. Dept. Agr., Salt Lake City, Utah.

Asst. prof. agron., W. Va., Univ., 1½ yrs.; asst. prof. agron., Colo. Agr. Coll., 1 yr. —*b.* Savannah, Mo., July 20, 1887; *s.* W. R. and M. F. (Snowden) N.; reared on farm; *m.* Winona Woodward, Sept. 2, 1913; *c.* Roland Woodward, Elizabeth. B.S.A., Univ. Mo., 1911; M.A., 1912. Alpha Zeta.

Nugent, Milton Benjamin, co. agrl. agt., Terre Haute, Ind.

Princ. high-sch., Attica, Ind., 1913-6; teach. agr., Newtown-Mellot high-sch., 1917. —*b.* Elnora, Ind., Mar. 9, 1887; *s.* John W. and Susan M. (Duke) N.; reared on farm; *m.* Mary Leona Gernon, 1916; *c.* John Gernon. A.B., Ind. State Normal Coll., 1911; A.M., Univ. Wis., 1916.

Nunn, Horace Alfred, teach. agr., high-sch., Newark, Del.

b. Detroit, Minn., July 13, 1902; *s.* Albert Edward and Edith M. (Sheldon) N.; reared on farm. B.S., Univ. Del., 1924. Kappa Alpha.

Nunnick, Francis Clark, chief Div. Ext. and Publicity, Dominion Expl. Farms Branch, Cent. Expl. Farm, Ottawa, Ont.

Tech. adv. in matters pertaining to land and agr. to Canadian Comn. of Conservation, 1911-21; present position, 1921-. Del. to British Empire Exhibition, London, 1924. —*b.* Scotland, Ont., Sept. 14, 1881; *s.* Joseph Clark and Harriet (Cameron) N.; reared on farm; *m.* Jessie Maud Stuart, Dec. 29, 1913; *c.* Claudia Frances. B.S.A., Toronto Univ., 1910.

Nye, Claribel, asst. state home dem. leader, in chg. Cornell study clubs, Cornell Univ., Ithaca, N. Y.

Asst. state leader jr. ext., Cornell Univ., 1914-7; asst. emergency home dem. leader, 1917; asst. home conservation div., U. S. Food Adminis., Washington, 1918; present position, 1919-. —*b.* Auburn, N. Y., July 18, 1889; *d.* Jay P. and R. Anna (Hammond) N.; reared in city. B.S., Cornell Univ., 1914.

Nye, Reuben L., dean Coll. Agr., Syracuse Univ., Syracuse, N. Y.

Asst. prof. agrl. educ., Syracuse Univ., 1912-3; prof. agrl. teach., 1919-20; dean Coll. Agr., 1920-. Vice-pres. Collegiate Country Life Club of Amer. —*b.* Dowagiac, Mich., Nov. 9, 1867; *s.* Benj. F. and Arna (Lovell) N.; reared on farm; *m.* Florence Kinney, July 30, 1907; *c.* Franklin K., Robt. L. B.S., Mich. Agr. Coll., 1912; M.S., 1922. Phi Kappa Phi; Theta Alpha.

Nyhus, Paul O., agrl. statistician, U. S. Dept. Agr. and Wis. Dept. Agr., Madison, Wis.

Teach. agr., high-sch., Fairchild, Wis., 1915-7; asst. farm manag. dem. surveys, Univ. Wis., 1917; co. agrl. agt., Waupaca, 1919-20; farm agt. 1st Nat. Bank, Appleton, 1921-2. —*b.* Chippewa Falls, Wis., Apr. 18, 1894; *s.* O. J. and Anna P. (Anderson) N. B.S., Univ., Wis., 1918.

Nyman, Carl R., teach. voc. agr., high-sch., Guthrie Center, Ia.

Teach., high-sch., Alton, Ia., 1922-3; Guthrie Center, 1923-. Served in U. S. Navy, World War. (Live-stock). —*b.* Bancroft, Ia., Apr. 11, 1897; *s.* John and Emma (Peterson) N.; reared on farm; *m.* Lila Ellen McIntosh, June 1, 1924. B.S., Ia. State Coll., 1920.

Nystrom, Amer Benjamin, assoc. dairy husb., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Instr. dairy mech. and testing, Ohio State Univ., 1907-9; instr. dairying, Kans. State Agr. Coll., 1909-10; instr., Wash. State Coll., 1910-2; asst. prof., 1912-4; prof., 1914-7; co. agrl. agt., Wash., 1917-23; present position, 1923-. —*b.* Ostergotland, Sweden, Feb. 19, 1885 (naturalized as minor); *s.* Adolf Frederick and Anna Matilda (Carlson) N.; reared on farm; *m.* Mamie C. Frey, June 25, 1911. B.S.A., Kans. State Agr. Coll., 1907. Alpha Zeta.

O

Oakley, Russell Arthur, agron., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Auth.: (with Piper) Turf for Golf Courses, 1917. —*b.* Marysville, Kans., Sept. 7, 1880; *s.* Thos. and Anna (McKee) O.; reared on farm; *m.* Bessie Clark Bell, Oct. 23, 1912. B.S., Kans. State Agr. Coll., 1903; D.Sc., Ia. State Coll., 1920.

Oates, Max Bruce, asst. to pres. Mo. Farm Bur. Fed., Nevada, Mo.

Agron., 2d Distr. Agrl. Sch., Russellville, Ark., 1910-1; sci. asst., Off. Farm Manag., U. S. Dept. Agr., 1912-5; asst. agrst., 1915-8; co. agrl. agt., Nevada, Mo., 1918-20; present position, 1920-. (Farm manag., an. husb.). —*b.* Pottsville, Ark., Aug. 21, 1883; *s.* Jas. Nealy and Sallie I. (Patrick) O.; reared on farm; *m.* Florence Tunis, Sept. 10, 1913. B.S.A., Univ. Ark., 1909.

Oberholtzer, Kenneth Edison, teach. voc. agr. and princ. high-sch., Bellville, Tex.

b. Carbon, Ind., Dec. 22, 1903; *s.* E. E. and Myrtle (Barr) O.; reared in town. B.S., Univ. Ill., 1924. Sigma Xi; Alpha Zeta; Zeta Psi.

O'Brien, Daniel Ambrose, co. agrl. agt., Lancaster, N. H.

Teach. agr., high-sch., Little Valley, N. Y., 1913-7; farmer, 1919-20; agrl. agt. Coos Co., N. H., 1920-. Served in U. S. Army, 1917-9. —*b.* Watertown, N. Y., May 11, 1888; *s.* Michael and Ellen (Moran) O.; reared on farm; *m.* Eulalie Bernier, June 5, 1923. Student Cornell Univ.

O'Brien, Harry Russell, editorial staff, The Country Gentleman, Philadelphia, Pa.

Asst. reference librarian, Ohio State Univ., 1910-2; asst. English, Okla. A. & M. Coll., 1912-3; instr. English and journalism, 1913-5; asst. prof. agrl. journalism, Ia. State Coll., 1915-9; present position, 1919-. —*b.* Union, O., Dec. 12, 1889; *s.* Geo. and Josephine (Pierce) O.; reared on farm. B.A., Ohio State Univ., 1910; M.A., 1912. Pi Kappa Alpha; Sigma Delta Chi; Alpha Zeta.

O'Brien, Ruth, dir. div. textiles and clothing, Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

From instr. to assoc. prof. chem., Ia. State Coll., 1916-24; present position, 1924-. —*b.* Taylorville, Ill., Sept. 19, 1892; *d.* Henry and Lena (Shirley) O. B.S., Univ. Neb., 1914; M.A., 1915. Phi Beta Kappa; Sigma Xi; Kappa Mu Sigma; Iota Sigma Pi.

Odell, Frank Iglehart, fruit-grower, Cannelton, Ind.

Fruit-grower, Ore., 1911; Ind., 1912-. Sec. Ind. Hort. Soc., 1917, pres., 1924-5; pres. Ind. Fruit Growers Assoc., 1923. *Auth.*: Larry Burke, Freshman, 1910; Larry Burke, Sophomore, 1911. —*b.* Evansville, Ind., July 22, 1886; *s.* I. H. and Anna (Iglehart) O.; reared

in city; *m.* Helen Heilman, 1914; *c.* Helen A., Mary F., Frank H., Joseph H. Student Northwestern Univ., Univ. Ill. Phi Kappa Psi.

Odell, Homer C., co. agrl. agt., Mineola, N. Y.

Sergeant Art., A. E. F., 1917-9. —*b.* Hilton, N. Y., Sept. 4, 1895; *s.* Chauncey A. and Lois A. (Newton) O.; reared on farm; *m.* Gladys Bretsch, July 25, 1924. B.S., Cornell Univ., 1922.

Odland, Theodore Eugene, assoc. prof. agron. and assoc. agron. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Instr. agron. and agron. Morris Substa., Morris, Minn., 1917-8; instr. agron., Univ. Minn., 1919-20; asst. prof., 1920-1; present position, 1921-. Sec. Minn. Crop Improvement Assoc., 1920-1. In U. S. Naval Air Serv., 1918. —*b.* Rutland, N. D., Jan. 11, 1892; *s.* Gunder T. and Olena (Holland) O.; reared on farm; *m.* Ruby E. Aamodt, Sept. 18, 1920; *c.* Lura May. B.S., Univ. Minn., 1917; M.S., 1920. Alpha Zeta; Gamma Sigma Delta.

O'Donnell, Ignatius D., farmer, Billings, Mont.

Pres. Mont. first State Bd. Hort.; mem. State Fair Bd.; pres. Mont. Irrig. and Drainage Inst.; superv. irrig., U. S. Reclamation Serv., 5 yrs.; pres. Yellowstone Fed. Farm Loan Assoc. Farm ed., Reclamation Record, 5 yrs. (Irrig.). —*b.* Simcoe, Ont., Sept. 19, 1860 (naturalized 1864); *s.* Daniel and Margaret (McIntosh) O.; reared on farm; *m.* Louise Roeser, Oct. 31, 1887; *c.* Helene, Louise, Carol, Ignatius, Gustave, Kathleen.

Odum, Howard Washington, dir. N. C. Sch. of Public Welfare and Kenan prof. sociol., Univ. N. C., Chapel Hill, N. C.

Instr., Univ. Miss., 1905-7; res. agt., Bur. Municipal Research, Philadelphia, 1910-3; assoc. prof. educ. sociol. and rural educ., Univ. Ga., 1913-5; prof., 1915-8; supt. Univ. Summer Sch. for Teachers, 1916-8; dir. Bur. of Home Serv., S. Div. Amer. Red Cross, 1917-8; dean liberal arts, Emory Univ., 1918-9; present position, 1919-. Contributing ed., American Journal of Race Development. —*b.* Bethlehem, Ga., May 24, 1884; *s.* Wm. Pleasants and Mary Ann (Thomas) O.; reared on farm; *m.* Anna Louise Kranz, Dec. 24, 1910; *c.* Eugene Pleasants, Mary Frances. A.B., Emory Coll., Oxford, Ga., 1904; A.M., Univ. Miss., 1906; Ph.D., Clark Univ., 1909; Columbia Univ., 1910.

Oehm, Gus M., agrl. ed., Univ. Ark., Fayetteville, Ark.

Staff correspondent, United Press Assoc., Chicago, N. Y. and Berlin, Germany; ed. Harrisburg, Ill., Register, 1917. Served in World War. Traveled in Europe, 1922-4. —*b.* Mt. Vernon, Ill., Aug. 4, 1894; *s.* Frederick J. and Mary (Wehr) O.; reared on farm and in town; *m.* Mary Ellenor Marquis, May 4, 1920. B.J., B.A., Univ. Mo., 1917. Delta Upsilon.

Offringa, Durk D., co. agrl. agt., Waverly, Ia.

Instr. public speaking, Ia. State Coll., 1921-2; asst. prof. dairy husb. ext., 1922-3; agrl. agt. Bremer Co., 1923-. Served in World War. (Dairy husb.). —*b.* Marrum, Holland, Mar. 5, 1892 (naturalized 1918); *s.* Durk D. and Durkje (Zylstra) O.; reared on farm; *m.* Ruth F. Dannatt, Sept. 27, 1920. B.S.A., Ia. State Coll., 1922. Alpha Zeta; Phi Kappa Phi; Delta Sigma Rho.

Ogaard, Arthur Joseph, ext. agron., Mont. State Coll., Bozeman, Mont.

Asst. dry land agr., Williston Exp. Sta., 1913-5; supt. Hettinger Exp. Sta., 1915-7; co. agrl. agt., Ft. Benton, Mont., 1917-20; present position, 1920-. —*b.* Louisburg, Minn., Mar. 9, 1890; *s.* R. A. and Hannah (Kopperud) O.; reared in town and on farm. B.S.A., N. D. Agr. Coll., 1913. Alpha Zeta; Phi Kappa Phi.

Ogden, Harry P., dir. dept. agr., Normal Sch., Murfreesboro, Tenn.

Head sci. dept., Clarksville high-sch. and agrl. agt., Montgomery Co., Tenn., 1913-5; present position, 1915-. —*b.* Knoxville, Tenn., Nov. 10, 1888; *s.*

S. R. and Fannie (Purple) O.; reared on farm; *m.* Elsie Lapsley, Aug. 23, 1916; *c.* Samuel Lapsley, Mary Frances, Harry Kay. B.S.A., Univ. Tenn., 1913. Phi Kappa Phi; Alpha Zeta.

Ogilvy, Lyulph, writer, Denver Post, Denver, Colo.

Farmer, Greeley, Colo., 1880-1904; importer of live-stock. Special writer, Denver Post, and correspondent agrl. journals. Served in Spanish-Amer. War, S. African War; Lieut. Scottish Horse, World War. —*b.* London, England, June 25, 1861; *s.* Earl of Airlie and Blanche (Stanley) A.; *m.* Edith Gertrude Boothroyd, 1902; *c.* Jack David Angus.

Ogle, Lelia C., nutr. specialist, Ohio State Univ., Columbus, O.

Teach. home econ., Wheatland and Terre Haute, Ind., 1914-8; home dem. agt., S. Bend, 1918-9; with Amer. Red Cross, Springfield, O., 1919-20; present position, 1921-. —*b.* Fountain Co., Ind.; *d.* Chas. David and Flora May (Griffith) O. Grad. Ind. State Normal, 1914; B.S., Columbia Univ., 1922.

O'Hara, Edwin Vincent, pastor St. Mary's Catholic Church, Eugene, Ore.

Archdiocesan supt. parish schs., Portland, Ore., 1907; chm. Ore. State Ind. Welfare Comn., 1913-7; chm. Portland Housing Comn., 1917-20; chm. Ore. Unemployment Com., 1913. Dir. Rural Life Bur., Nat. Catholic Welfare Conference; sec. Catholic Rural Life Conference. Chaplain A. E. F., 1918. *Auth.*: Pioneer Catholic History of Oregon, 1911, 3d ed. 1925. *Ed.,* St. Isidore's Plow, 1922-4. —*b.* Amherst, Minn., Sept. 6, 1881; *s.* Owen and Margaret (Nugent) O.; reared on farm. Grad. St. Paul Sem., 1905; LL.D., Notre Dame Univ., 1917.

O'Hara, Warren, co. agrl. agt., Rockport, Ind.

Teach. voc. agr., Mauckport, Ind., 1918-20; Richland, 1921-3; agrl. agt. Spencer Co., 1923-. —*b.* Union Mills, Ind., Sept. 5, 1893; *s.* Geo. G. and Clara (Mill) O.; reared on farm; *m.* Ida Mae Brown, June 18, 1919. B.S.A., Purdue Univ., 1917.

O'Kane, Walter Collins, prof. econ ent. and ent. Exp. Sta., Univ. N. H., Durham, N. H.

Circulation manag. Farm and Fireside, Twentieth Century Farmer, Woman's Home Companion, 1899-1909; asst. ent., N. H. Exp. Sta., 1909-10; ent., 1910-; assoc. prof., N. H. Coll., 1909-10; prof., 1910-. Deputy comnr. of agr., N. H., 1913-; state nursery insp., 1915-; U. S. Food Adminis., 1917-8. Fellow A. A. A. S.; pres. Amer. Assoc. Econ. Ent., 1919-20, mem. com. on policy, 1920-; chm. bd. of governors, Crop Protection Inst. Served in Spanish-Amer. War, 1898-9. *Auth.*: Injurious Insects, 1913; Jim and Peggy at Meadowbrook Farm, 1916; Apple-Top Farm, 1923. On editorial staff, Harper and Bros., 1921-. —*b.* Columbus, O., Nov. 10, 1877; *s.* Henry and Catherine (Van de Water) O.; reared in city; *m.* Clifford Hetherington, Dec. 30, 1902; *c.* Elizabeth, Catherine, Wm., Richard. B.S., Ohio State Univ., 1897; M.A., 1909. Sigma Xi; Phi Kappa Phi; Beta Theta Pi.

Olcott, Ralph T., ed. and pub., 39 State St., Rochester, N. Y.

Ed., American Nurseryman, American Nut Journal; assoc. ed. Rochester Herald, Rochester Post Express. —*b.* Chicago, Ill., Nov. 13, 1861; *s.* Jas. B. and Isabella (Thrall) O.; reared on farm and in city; *m.* Grace E. Reynolds, June 1, 1887; *c.* Gerard K., Ralph T. Jr., Stark Reynolds. Grad. Univ. Rochester, 1887. Alpha Delta Phi.

Oldenburg, Frederic William, ext. agron., Univ. Md., College Park, Md.

Teach. public schs., Langlade Co. and Oshkosh, Wis., 1892-1907; princ. high-sch., Deerfield, 1907-10; supt. schs., Brodhead, 1910-2; Cumberland, 1912-4; prof. agr., Ia. State Teach. Coll., 1915-6; princ. Sch. Agr., Walsh Co., N. D., 1916-7; present position, 1917-. —*b.* Oshkosh, Wis., Dec. 30, 1873; *s.* Wm. and Wilhemina (Glawe) O.; reared in city and on farm; *m.* Lillian O. Jensen, June 17, 1903; *c.* Lester, Margaret, Grace. B.S., Univ. Wis., 1915.

Oldham, L. L., field rep. Holstein-Friesian Assoc. of Amer., Madison, Wis.

Asst. dir. ext. work for Great Northern Ry., 1913-4; manag. Jas. J. Hill farm, St. Paul, Minn., 1914-6; agt. Walworth Co., Wis., 1916-20; sec. Wis. Holstein Assocs., Inc., 1920-4.—*b.* Madison, Wis., Sept. 23, 1889; *s.* Thos. W. and Helen Amintha (Latham) O.; reared on farm; *m.* Hilma Mae Critten, June 7, 1916; *c.* Jean Catherine. B.S.A., Univ. Wis., 1913. Alpha Zeta.

Oley, Warren Wilcox, farm manag., Bridgeton, N. J.

Farmer, Sparta, N. J., 1912-3; field asst. hort. dept., N. J. Exp. Sta., 1913-4; fruit specialist, ext. div., Rutgers Coll., 1914-5; co. agt., 1915-9; manag. Seabrook Co., Bridgeton, N. J., 1919-. Traveled through Mex. and Cent. Amer. for Tehuantipec Rubber Co. —*b.* Dunellen, N. J., Apr. 12, 1889; *s.* Chas. W. and Theodora I. (Wilcox) O.; reared in town and on farm; *m.* Grace Helen Clarke, Oct. 8, 1915; *c.* Warren Wheeler. B.Sc., Rutgers Coll., 1911.

Olin, Walter Herbert, superv. agr., Denver and Rio Grande R. R., Denver, Colo.

Rural sch. teach., 1880-6; princ. and supt. schs., Waverly, Ottawa, Osborne, Kans., 1890-1901; instr. farm crops, Ia. State Coll., 1902-4; prof. agron., Colo. Agr. Coll., 1904-6; vice-dean agr., 1906-8; ind. comnr., Denver, Laramie & N. W. Ry., 1908-11; dir. agrl. ext., Univ. Ida., 1911-4; comnr. agr., D. & R. G. R. R., 1914-6; superv. farm marketing, Frisco Lines, St. Louis, Mo., 1916-8; present position, 1918-. *Auth.*: Olin's Commercial Geography, 1900; American Irrigation Farming, 1913. —*b.* Walnut Grove, Calif., Aug. 7, 1862; *s.* Nelson and Harriett M. (Holly) O.; *m.* Winifred Estelle Cotton, Nov. 27, 1890 (d. 1910); 2d, Eleanor Lee, June 7, 1915; *c.* Helen, Walter Eugene. Grad. Kans. State Agr. Coll., 1889; M.Sc., 1893.

Oliver, Alfred Weaver, asst. prof an. husb., Ore. Agr. Coll., Corvallis, Ore.

Instr. an. husb., Univ. Ida., 1918-9; instr. Ore. Agr. Coll., 1919-23; asst. prof., 1923-. Served in U. S. Army, 1918-9. (Swine and meat). —*b.* Bird City, Kans., Mar. 30, 1894; *s.* Jehu and Sarah E. (Simms) O.; reared on farm and in town; *m.* Marian Hodgson, Sept. 3, 1924. B.S., Ore. Agr. Coll., 1918. Alpha Zeta; Gamma Sigma Delta.

Oliver, Griffith Everett, co. agrl. agt., Crewe, Va.

Co. agrl. agt., 1908-20; distr. agt., 1920-3. —*b.* Nottoway C. H., Va., July 26, 1863; *s.* Campbell and Prudence (Oliver) O. (col.); reared on farm; *m.* Meta Bragg, June 12, 1898; *c.* Carrie, Joseph, Mamie, Wm., Griffin, Meta, Horace, Edith, Leon. Grad. Hampton Inst., 1883.

Oliver, Julius Allen, instr. voc. agr., Charles City Co. Training Sch., Ruthville, Va.

Teach. public sch., Lunenburg Co., Va., 1915; asst. agr., Va. Normal and Ind. Inst., 1916-8; present position, 1918-. —*b.* Hollins, Va., July 30, 1892; *s.* Jesse D. and Catherine E. (Anderson) O. (col.); reared on farm; *m.* Jessie Marie Brown, Aug. 9, 1922. Grad. Va. Normal and Ind. Inst., 1918.

Olney, Albert Jackson, prof. hort., Univ. Ky., Lexington, Ky.

Teach. sci. and agr., high-sch., Greenville, Mich., 1913-4; hort., Theo. N. Vail Agr. Sch., Lyndon, Vt., 1914-6; present position, 1916-. —*b.* Fremont, Mich., Apr. 15, 1888; *s.* Bert John and Alice (Beem) O.; reared on farm; *m.* Lydia Branstrom, July 8, 1914; *c.* Chas. Bert, Robt. Branstrom. B.S., Mich. Agr. Coll., 1913.

Olney, Raymond, sec. Amer. Soc. Agrl. Engin., and ed. Agricultural Engineering, St. Joseph, Mich.

Ed., Farm Engineering, Springfield, O., 1913-5; ed. Power Farming, 1915-25; present position, 1921-. Pres. Amer. Soc. Agrl. Engins., 1919-20. —*b.* Monroe Co., N. Y., Dec. 29, 1885; *s.* Amos M. C. and Martha (Collins) O.; reared on farm; *m.* Elisabeth Lloyd Watson, May 28, 1912. M.E., Cornell Univ., 1910; A.E., Ia. State Coll., 1920.

Olney, Roy A., asst. prof. agrl. educ., W. Va. Univ., Morgantown, W. Va.

Teach. Union Acad., Belleville, N. Y., 1915-8; instr. voc. agr., high-sch., Trumansburg, N. Y., 1918-20; asst. state superv. agrl. educ., State Dept. Educ., Raleigh, N. C., 1920-2; present position, 1922-. —*b.* Perinton, N. Y., June 4, 1891; *s.* A. M. C. and Martha (Collins) O.; reared on farm; *m.* Maryett G. Benson, Jan. 22, 1918; *c.* R. Chandler, Roger A. B.S., Cornell Univ., 1915.

Olsen, Nils Andreas, asst. chief Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. hist. and econ., Muhlenberg Coll., Allentown, Pa., 1909-10; manag. farm, Kankakee Co., Ill., 1912-9; asst. agrl. econ. in agrl. hist., U. S. Dept. Agr., 1919-22; assoc. agrl. econ. chg. adminis. Fed. Seed Loans, 1922-3; sr. agrl. econ. chg. Div. Agrl. Finance, 1923-4; asst. chief Bur. Agrl. Econ., 1925-. —*b.* Herscher, Ill., Aug. 31, 1886; *s.* A. Chr. and Anna (Risitter) O.; reared on farm. A.B., Luther Coll., 1907; A.M., Univ. Wis., 1909; A.M., Harvard Univ., 1912.

Olson, George Alfred, agrl. dir. The Gypsum Industries, 844 Rush St., Chicago, Ill.

Asst. chem., Univ. Wis., 1902-3; asst. and instr. chem., 1903-8; asst. chem., Wash. Exp. Sta., 1908-10; chem., 1910-2; head div., 1912; state chem., 1916. Mem. State Hort. Bd. —*b.* Chicago, Ill., Dec. 11, 1874; *s.* Bernt and Karen (Andressen) O.; reared in city; *m.* Lucinda Marie Gafke, Nov. 28, 1906; *c.* Marjorie Georgiana. B.S.A., Univ. Wis., 1902; M.S., 1908.

Olson, Marion E., co. agrl. agt., Mason City, Ia.

Field supt. agron. farm, Ia. State Coll., 1914-6; sci. asst. corn invest., U. S. Dept. Agr., 1916-7; supt. field expts. soils, Ia. State Coll., 1917-9; agrl. agt. Hardin Co., 1919-24; Cerro Gordo Co., 1924-. (Soils, crops). —*b.* Boone Co., Ia., Nov. 10, 1889; *s.* Brett B. and Julia (Ferguson) O.; reared on farm; *m.* Delphia Williams, 1923. B.S., Ia. State Coll., 1914; M.S., 1916. Alpha Zeta; Acacia.

Olson, Peter J., acting prof. agron., N. D. Agr. Coll., Fargo, N. D.

Asst. prof. agron., Univ. Minn., 1913-8; farming, Grafton, N. D., 1918-24; present position, 1924-. —*b.* Grafton, N. D., Oct. 12, 1887; *s.* Samuel and Nicoline (Anderson) O.; reared on farm; *m.* Myrtle May Stoltz, Sept. 2, 1914. B.S., N. D. Agr. Coll.; M.S., Univ. Ill. Alpha Zeta; Phi Kappa Phi.

O'Neal, Emmett Cleveland, instr. voc. agr., high-sch., Greenfield, Mo.

Formerly co. agrl. agt., Milan, Mo. —*b.* Paris, Mo., Apr. 13, 1885; *s.* R. H. and Virginia (Gollehon) O.; reared on farm; *m.* Ethel Pennington, June 9, 1909; *c.* Ernestine, Chas., Elizabeth, David. B.S.A., Univ. Mo., 1909.

O'Neill, Charles Thomas, fruit-grower and banker, Crozet, Va.

Instr. math., Fork Union Military Acad., 1912-3; grower apples and peaches, 1915-; vice-pres. Nat. Bank of Charlottesville, Va. Sec. Crozet Farmers and Fruit Growers Club, 1917-9. —*b.* Crozet, Va., Jan. 21, 1891; *s.* John Thos. and Nannie (Robertson) O.; reared in town; *m.* Jayne Gordon Warwick, Nov. 3, 1915; *c.* Chas. T. Jr. B.A., Richmond Coll., 1912; student Univ. Va., 1913-4. Kappa Alpha.

Oosterhuis, Alvin Cecil, dir. dairy ext., Carnation Milk Co., Oconomowoc, Wis.

Formerly asst. prof. an. husb., Univ. Wis. Traveled in Europe, 4 mos. —*b.* Sheboygan Falls, Wis., Dec. 8, 1884; *s.* Albert and Gertrude Ten (Dolle) O.; reared on farm. B.S.A., Univ. Wis., 1909; M.S.A., 1910.

Ormsby, Aubrey C., teach. agr., high-sch., Larkins, Fla.

b. Grandin, Mo., Jan. 10, 1903; *s.* Wm. E. and Lula A. (Cartwright) O.; reared on farm. B.S.A., Univ. Fla., 1924.

Orpet, Edward O., hort., supt. of parks, Hollister Ave., Santa Barbara, Calif.

Gardener to E. V. R. Thayer, Lancaster, Mass., 20 yrs.; supt. for Cyrus H. McCormick, Lake Forest, Ill., 6 yrs.; asst. plant introducer, Bur. Plant

Ind., Chico, Calif., 3 yrs. (Orchid hybridization). —*b.* Cirencester, England, Feb. 11, 1863 (naturalized 1884); *s.* Owen and Mary (Emery) O.; *m.* Beatrice McInnes, 1890; *c.* Edward Owen, Wm. H. Student Royal Agr. Coll., Cirencester, England.

Orton, Clayton Roberts, prof. plant path. and plant path. Exp. Sta., Penn. State Coll., State College, Pa.

Special agt., Bur. Plant Ind., 1909-10; asst. plant path., Univ. Wis., Feb.-Nov., 1910; asst. bot., Purdue Univ. Exp. Sta., 1910-3; asst. prof. bot. and plant path. Exp. Sta., Penn. State Coll., 1913-6; assoc. prof. bot., 1916-7; assoc. prof. plant path., 1917-9; prof., 1919-. Sec. adv. bd., Amer. Plant Path., 1918-21, chm., 1922-3; mem. Div. Biol. and Agr., Nat. Res. Council, 1922-4, liason mem. Div. States Relations, 1923-4; mem. bd. of governors, Crop Protection Inst., 1920-; fellow, A. A. A. S. —*b.* E. Hardwick, Vt., Apr. 1, 1885; *s.* Lyman S. and Ellen M. (Stevens) O.; reared on farm; *m.* Ethel Chapman, Sept. 22, 1911; *c.* Jean. B.S., Univ. Vt., 1909; M.S., Purdue Univ., 1915. Sigma Xi; Alpha Zeta; Kappa Sigma.

Orton, William Allen, sci. dir. and general manag. Trop. Plant Res. Foundation, Washington, D. C.

Asst. bot., Vt. Exp. Sta. and instr., Univ. Vt., 1898-9; plant path., U. S. Dept. Agr., 1899-1924, in chg. cotton, truck and forage crop disease invests., Bur. Plant Ind. Fellow A. A. A. S. Vice-chm., Fed. Hort. Bd., 1912-24; pres. Amer. Phytopath. Soc., 1920. Del. to 4th Intern. Genetics Conference, Paris, 1911. *Ed.,* Phytopathology, 1918-. (Disease resistance, veg.-gard., trop. agr.). —*b.* N. Fairfax, Vt., Feb. 28, 1877; *s.* Gardner G. and Electa W. (Allen) O.; reared on farm; *m.* Helen A. Davis, Apr. 20, 1903; *c.* Helen Alberta, Alice Louise. B.S., Univ. Vt., 1897; M.S., 1898; ScD., 1915. Phi Beta Kappa.

Orvis, Paul Boyd, teach. agr., Homer Acad., Homer, N. Y.

Dairy farmer, 2 yrs. Served in U. S. Navy, World War. —*b.* Natural Bridge, N. Y., Nov. 1, 1898; *s.* G. H. and Grace (Boyd) O.; reared in city; *m.* S. May Ashmore, May 25, 1923. B.S.A., Syracuse Univ., 1924. Phi Kappa Sigma; Theta Gamma; Gamma Alpha Epsilon.

Osborn, Herbert, res. prof. zool. and ent., Ohio State Univ., Columbus, O.

Asst. zool. and ent., Ia. State Coll., 1879; asst. prof., 1883-5; prof., 1885-98; prof. zool. and ent., Ohio State Univ., 1898-1916; res. prof., 1916-; dir. Lake Lab., 1899-1918; dir. O. Biol. Survey, 1912-. Pres. Soc. Promotion Agrl. Sci., 1917-8; pres. Assoc. Amer. Econ. Ent., 1898; pres. O. Acad. Sci., 1904; vice-pres. Sect. F., A. A. A. S., 1918. Traveled in Mexico and Europe. *Auth.*: Economic Zoology, 1908; Agricultural Entomology, 1916. Manag. ed., Annals Ent. Soc. of Amer., 1908-. (Hemiptera, meadow insects). —*b.* Lafayette, Wis., Mar. 19, 1856; *s.* Chas. Paine and Harriet Newell (Marsh) O.; reared in village; *m.* Alice Isadore Sayles, Jan. 19, 1883; *c.* Morse Foster, Herbert Tirrill, Evelyn, Dorothy, Margaret Stanton. B.Sc., Ia. State Coll., 1879; M.Sc., 1880; D.Sc., 1916. Sigma Xi; Phi Kappa Phi.

Osborne, Thomas Burr, res. chem., Conn. Exp. Sta., New Haven, Conn.

Asst. instr., Sheffield Sci. Sch., Yale Univ.; present position, 1886-; res. assoc., Carnegie Inst. of Washington. Pres. Amer. Soc. Biol. Chem., 1910; hon. mem. London Chem. Soc.; assoc. mem. Société Royale des Sciences Médicales et Naturelles de Bruxelles. *Auth.*: Proteins of the Wheat Kernel, 1907; The Vegetable Proteins, 1909. *Assoc. ed.,* Journal of Biol. Chem. (Chem. veg. proteins, chem. of nutr.). —*b.* New Haven, Conn., Aug. 5, 1859; *s.* Arthur Dimon and Frances Louise (Blake) O.; reared in city; *m.* Elizabeth Annah Johnson, 1886; *c.* Arthur Dimon, Francis Blake. A.B., Yale Univ., 1881; Ph.D., 1885; Sc.D., 1910. Psi Upsilon.

Osburn, Raymond Carroll, prof. and head dept. zool. and ent., Ohio State Univ., Columbus, O.

Instr. biol. and embryology, Starling Med. Coll., 1898-9; prof. biol., Fargo

Coll., 1899-1902; teach. biol., N. Y. High-Sch. of Commerce, 1903-7; instr. and asst. prof. zool., Barnard Coll., 1907-15; acting dir., U. S. Fisheries Lab., Woods Hole, Mass., 1909; acting dir., N. Y. Aquarium, 1910-1; asst. dir., 1911-5; prof. biol., Conn. Coll., 1915-7; present position, 1917-. Fellow A. A. A. S., Ent. Soc. Amer., N. Y. Acad. Sci., O. Acad. Sci. (Syrphidae, fishes and aquatic life). —*b.* Newark, O., Jan. 4, 1872; *s.* Thompson E. and Elizabeth (Parr) O.; reared on farm; *m.* Mary Hubbell, Aug. 19, 1903. B.Sc., Ohio State Univ., 1898; M.Sc., 1900; Ph.D., Columbia Univ., 1906.

Osgood, Lee K., farmer, Rutland, Vt.

Pres. Rutland Co. Farm Bur.; treas. Vt. Fed. of Farm Burs. Del. to Amer. Farm Bur. Fed. (Seed potato production). —*b.* Rutland, Vt., May 29, 1853; *s.* Phineas K. and Ellen (Lee) O.; reared on farm; *m.* Estelle M. Kimball, Oct. 1, 1879; *c.* Winifred, Kingsley, Ellen P.

Oskamp, Joseph, ext. prof. pom., Cornell Univ., Ithaca, N. Y.

Asst. hort., Purdue Exp. Sta., 1912-3; research asst. pom., 1914-6; assoc. pom., 1917-20; hort., Mo. State Fruit Exp. Sta., 1920-1. —*b.* Cincinnati, O., Jan. 22, 1888; *s.* Joseph A. and Elizabeth M. (Stall) O.; reared on farm; *m.* Achsa Moore, Oct. 26, 1914; *c.* Elizabeth. B.S., Univ. Mo., 1912. Sigma Xi.

Osmun, Albert Vincent, prof. bot. and head dept., Mass. Agr. Coll. and Exp. Sta., Amherst, Mass.

Asst., Storrs Exp. Sta., 1900-2; instr. bot., Mass. Agr. Coll., 1905-7; asst. prof., 1907-14; assoc. prof., 1914-6; prof. and head dept., 1916-. Fellow A. A. A. S. (Plant path.). —*b.* Danbury, Conn., Jan. 20, 1880; *s.* John W. and Emma (Cook) O.; reared in city and on farm; *m.* Lena E. Latimer, June 27, 1907; *c.* Kenneth L., John Vincent. B.Agr., Conn. Agr. Coll., 1900; B.S., Mass. Agr. Coll. and Boston Univ., 1903; M.Sc., 1905.

Otis, Daniel Henry, dir. agrl. comn., Amer. Bankers Assoc., Madison, Wis.

Asst. agr., Kans. State Agr. Coll., 1892-6; asst. dairying, 1896-9; prof. dairy husb., 1899-1902; prof. an. husb., 1902-3; manag. Deming Ranch, Oswego, Kans., 1903-5; asst. and assoc. prof. an. nutr. and asst. to dean Coll. Agr., Univ. Wis., 1905-9; prof. farm manag., 1909-19; asst. dean, Coll. Agr., 1911-8; dir. Banker-Farmer Exchange, Madison, Wis., 1919-23; present position, 1923-. Pres. Amer. Farm Manag. Assoc.; sec.-treas. Amer. Soc. of An. Production. Y. M. C. A. sec., France; with Army Educ. Corp in chg. farm manag. work. *Auth.*: Farm Accounts Simplified, 1915; Household Accounts Simplified, 1916. Dairy ed., Kans. Farmer, 4 yrs. —*b.* Topeka, Kans., Mar. 30, 1872; *s.* John G. and Bina (Numan) O.; reared on farm; *m.* Mary E. Lyman, Aug. 17, 1899; *c.* Edward N., Grant L., Chas. K., Stanley J. B.S., Kans. State Agr. Coll., 1892; M.S., 1897.

Otis, James Clifford, co. agrl. agt., Lowville, N. Y.

Teach., N. Y. State Normal and Training Sch., Cortland, 1912-3; teach., Middletown high-sch., 1913-5; co. agrl. agt., Windsor Co., Vt., 1915-9; teach. agr., Westtown Sch., Pa., 1919-21; farmer, 1921-2; agrl. agt. Lewis Co., N. Y., 1922-. —*b.* Poplar Ridge, N. Y., Feb. 23, 1888; *s.* Jas. J. and Julia E. (Taber) O.; reared on farm; *m.* Cecile E. Mignault, July 18, 1914; *c.* Jas. C. Jr., Janet Mignault, Richard Taber, Robt. Samuel, David Mekeel. B.S., Cornell Univ., 1912. Kappa Phi.

Ousley, Clarence, vice-pres. Globe Laboratories, Ft. Worth, Tex.

Ed. Farm and Ranch, Dallas, Tex., 1886; manag. ed., Galveston News, Galveston Tribune, Houston Post, 1889-1903; ed. Fort Worth Record, 1903-13; dir. ext., Tex. A. & M. Coll., 1914-9; asst. sec. agr., U. S. Dept. Agr., 1917-9. Mem. Amer. Comn. to study rural credits, Europe, 1913. —*b.* Lowndes Co., Ga., Dec. 29, 1863; *s.* Wm Henry and Henrietta (Scruggs) O.; *m.* Mary Young, Nov. 8, 1888. A.B., A. & M. Coll., Auburn, Ala., 1881; A.M., Simmons Coll., Abilene, Tex., 1906. Phi Delta Theta.

Outhet, Rickson Albert, lands. arch., 264 Beaver Hall Hill, Montreal, Que.

Lands. practice, 1903-; bldg. insp., Dominion Bridge Co., 1915-7; town planner, U. S. Housing Corp. Fellow Amer. Soc. Lands. Arch. Traveled in Europe. —*b.* Montreal, Que., Jan. 13, 1874; *s.* Rickson and Anne (Murray) O.; reared in city; *m.* Margaret Catherine Hendry, Mar. 12, 1912; *c.* Rickson Andrew, Murray McLaren.

Overbey, Norma, state home dem. agt., La. State Univ., Baton Rouge, La.

Asst. rural educ. dept., La. State Normal Sch., Natchitoches, 2½ yrs. —*b.* Bastrop, La., 1888; *d.* F. C. and Susan (Speights) O.; reared on farm. B.S., Peabody Coll., 1920.

Overholser, Earle Long, asst. prof. pom., Univ. Calif., Berkeley, Calif.

Instr. pom., Cornell Univ., 1914-7; asst. prof., 1917-8; exchange prof. from Cornell Univ., at Univ. Calif., 1918-9; present position, 1919-. (Cold storage and physiological problems of pom.). —*b.* Kansas City, Mo., Dec. 19, 1888; *s.* Milton P. and Fannie Elizabeth (Long) O.; reared on farm and in town; *m.* Grace Elizabeth McClary, Oct. 18, 1917; *c.* Earle Long Jr. B.S.A., Univ. Mo., 1913; M.A., 1914. Sigma Xi; Gamma Sigma Delta; Gamma Alpha; Alpha Gamma Rho.

Overholt, Virgil, asst. prof. agrl., engin., Ohio State Univ., Columbus, O.

Instr. agrl. engin., Ohio State Univ., 1915-7; asst. prof., 1919-. 1st Lieut. Field Art., U. S. Army, 1917-9. —*b.* Bloomdale, O., June 19, 1889; *s.* Chas. and Clara (Linhart) O.; reared on farm; *m.* Dora Hattery, July 22, 1917; *c.* David Philip, Clara Catherine. B.S.A., Ohio State Univ., 1915; grad. student Univ. Wis., 1922-3.

Overman, Oliver Ralph, asst. prof. dairy chem., Univ. Ill., Urbana, Ill.

Prof. chem. and instr. geol., Huron Coll., S. D., 1915-7; present position, 1917-. —*b.* Windfall, Ind., Apr. 15, 1886; *s.* Elkanah and Emily (Sprong) O.; reared on farm; *m.* Ollie Spencer, 1915; *c.* Ralph Spencer, Joseph De Witt. A.B., Ind. Univ., 1910; A.M., 1911; Ph.D., Cornell Univ., 1917. Sigma Xi; Alpha Chi Sigma.

Overpeck, John Clay, prof. agron. and agron. Exp. Sta., N. Mex. A. & M. Coll., State College, N. Mex.

Asst. prof. agron. and asst. agron. Exp. Sta., Univ. Wyo., 1920-3; present position, 1923-. 2d Lieut. Coast Art. Corps, Panama, 1 yr. —*b.* Rosedale, Ind., June 3, 1895; *s.* Leonidas E. and Mary Belle (McGilvrey) O.; reared on farm; *m.* Rae M. Wallis, Sept. 3, 1919. B.S.A., Purdue Univ., 1917; M.S., Ohio State Univ., 1920.

Overton, Millard Herbert, assoc. farm manag., Purdue Univ. Agr. Exp. Sta., LaFayette, Ind.

Co. agrl. agt., 1916-8; asst. farm manag. dem., Purdue Univ., 1918-22; present position, 1922-. —*b.* Mooresville, Ind., Feb. 17, 1893; *s.* Joseph Elwood and Minnie (Worrell) O.; reared in city and country; *m.* Georgia Bennett Cheney, Jan. 1, 1917; *c.* Millard H. Jr., Mary Elizabeth. B.S.A., Purdue Univ., 1916. Alpha Zeta; Sigma Delta Chi; Tau Kappa Alpha.

Overturf, Jonathan L., teach. voc. agr., high-sch., Centerville, Ind.

Teach. high-sch., Osgood, Ind., 1 yr. —*b.* Holton, Ind., Aug. 30, 1901; *s.* Alonzo and Izona (Ensminger) O.; reared on farm; *m.* Hazel Borard, 1921. B.S.A., Purdue Univ., 1924.

Owen, Daniel Bailey, partner and general manag., Rockland Orchards, Doylesville, Va.

Farmer and stockman, Denniston, Va., 1913-8; field agt. Marketing and dir. Div. Markets, Va. Dept. Agr., 1918-20. Pres. local Farmers Union, 1914-9. —*b.* Denniston, Va., Sept. 7, 1890; *s.* Daniel W. and Nannie (Hundley) O.; reared on farm; *m.* Mollie Bland Byerly, June 6, 1917; *c.* Nancy Lee, Maidie F., Daniel B. Jr., Sue W. B.A., Washington & Lee Univ., 1912. Kappa Sigma.

Owen, Harry N., manag. ed. Farm, Stock and Home and Northwest Farmstead, 427 Sixth Ave. S., Minneapolis, Minn.

Business dept., Farm, Stock and Home, 1888-1902; assoc. ed. markets and econ., 1902-18; manag. ed., 1918-. Traveled in England, 1897. —*b.* Toledo, O., Sept. 7, 1870; *s.* Sidney M. and Helen A. (Feagles) O.; *m.* Mabel C. Hunt, June 12, 1899; *c.* Jessie Virginia.

Owens, George Washington, dir. agrl. dept. and state teacher-trainer Smith-Hughes work, Va. Normal and Ind. Inst., Petersburg, Va.

Chg. div. dairy husb., Tuskegee Inst., 1899-1908; agrl. instr., Va. Normal and Ind. Inst., 1908-19; present position, 1919-. Smith-Hughes agrl. teach trainer for Va., 1919. —*b.* Alma, Kans., Jan. 21, 1875; *s.* Samuel T. and Anne (Gordon) O. (col.); reared on farm; *m.* Waddie Logan Hill, Aug. 30, 1901 (d. 1921); 2d, Pearl H. Mabry, June 14, 1923; *c.* Emma, Geo. Jr., Elnora. B.Sc., Kans. State Agr. Coll., 1899.

Owens, James Stanley, ext. agron., Conn. Agr. Coll., Storrs, Conn.

Princ. high-sch., 1913-4; asst. agron., Penn. State Coll., 1917-9; ext. specialist in agron., 1919; agron., Nat. Lime Assoc., 1920; present position, 1920-. Fellow A. A. A. S. —*b.* Pa., Dec. 27, 1890; *s.* Emory E. and Martha (Schoening) O.; reared on farm; *m.* Cora Beers, Sept. 16, 1916; *c.* John Roy, Ruth Ellen, Mildred Jean. B.S., Penn. State Coll., 1917; M.S., 1919.

Owens, William White, co. agt. leader, Utah Agr. Coll., Logan, Utah.

Co. agrl. agt., 1916-7; asst. co. agt. leader, Utah Agr. Coll., 1918-20; co. agt. leader, 1920-. Traveled in Europe, 2½ yrs. —*b.* Willard, Utah, Apr. 3, 1888; *s.* Wm. P. and Agnes M. (White) O.; reared in town; *m.* Clotilda M. Woodyatt, Nov. 27, 1912; *c.* Richard W., Ruth, Hazel. B.S., Utah Agr. Coll., 1916.

Owsley, William Albert, instr. voc. agr., high-sch., Welch, Okla.

Served in 19th U. S. Inf., World War; 2d Lieut. O. R. C. —*b.* Niles, Kans., Aug. 12, 1893; *s.* Wm. and Eugenia (Lewis) O.; reared on farm; *m.* Myrtle Bell, 1920 (d. 1921). B.S., Okla. A. & M. Coll., 1918.

Oxlin, Herbert Warren, co. agrl. agt., Lynnhaven, Va.

Farm manag., 1910-8; present position, 1918-. —*b.* Lunnenburg Co., Va., May 20, 1888; *s.* Wm. Thos. and Emma J. (Andrews) O.; reared on farm; *m.* Linda L. Hite, June 30, 1914. Grad. Va. Poly. Inst., 1910.

P

Pack, Dean Alvin, res. invest. plant-breeding, U. S. Dept. Agr., 116 S. 4th St., Salt Lake City, Utah.

Chg. bot. dept., Univ. Utah, 1917-8; scholar Univ. Chicago, 1918-9; fellow, 1919-20; assoc. instr. biol., Tex. A. & M. Coll., 1920-1; present position, 1921-. Fellow A. A. A. S.; mem. Utah Acad. Sci. (Sugar-beets). —*b.* Kamas, Utah, Sept. 5, 1889; *s.* Silas M. and Sarah (Lambert) P.: reared on farm; *m.* Myrtle Harrison, June 7, 1912; *c.* F. Carlyle. A.B., Univ. Utah, 1916; Ph.D., Univ. Chicago, 1920. Sigma Xi.

Pack, Herbert John, assoc. prof. zool. and ent., Utah Agr. Coll., Logan, Utah.

Instr. zool., Utah Agr. Coll., 1913-4; instr. biol., Latter Day Saints Univ., 1914-8; instr. zool. and ent., Utah Agr. Coll., 1920-1; asst. prof., 1921-5; assoc. prof., 1925-; instr. ent., Cornell Univ., 1924-5. —*b.* Woods Cross, Utah, Oct. 26, 1892; *s.* Walker X. and Bertha (Zahler) P.; reared on farm; *m.* Bessie M. Twigg, Sept. 3, 1913; *c.* Kathlyn, Bessie, Herbert Jr. B.S., Utah Agr. Coll., 1913; M.S., 1923; Ph.D., Cornell Univ., 1925. Sigma Xi; Phi Kappa Phi.

Packard, Clyde Monroe, assoc. ent., Bur. Ent., U. S. Dept. Agr., 600 26th St., Sacramento, Calif.

b. Cummington, Mass., Jan. 28, 1889; *s.* Chas. S. and Myra (Gurney) P.; reared on farm and in city; *m.* Lucy Mildred Adolphson, July 29, 1914; *c.* Margaret Anne. B.Sc., Mass. Agr. Coll., 1913. Phi Kappa Phi.

Packer, Leon Frederick, teach. agr., high-sch., Union Springs, N. Y.

b. Preston, N. Y., Oct. 15, 1898; *s.* Frederick Wm. and Jessie May (Tay-

lor) P.; reared on farm. B.S., Cornell Univ., 1924. Alpha Zeta; Phi Delta Kappa.

Paddleford, Clementine Haskin, woman's ed., Farm and Fireside, Crowell Pub. Co., 381 Fourth Ave., New York, N. Y.

Special feature writer for farm and business magazines, N. Y. City, 1921; assoc. ed. Milk Market Reporter, Chicago and special feature writer for farm magazines, 1922-3; in chg. agrl. publicity for various manufacturing accounts, Chicago, 1923-4; present position, 1924-. —*b.* Stockdale, Kans., Sept. 27, 1900; *d.* S. M. P.; reared on farm. B.S., Kans. State Agr. Coll., 1921; student journalism, N. Y. Univ, 1921-2. Phi Kappa Phi; Theta Sigma Phi; Alpha Delta Pi.

Paddock, Wendell, prof. hort., Ohio State Univ., Columbus, O.

Asst. hort., N. Y. Agr. Exp. Sta., Geneva, 1893-9; hort., Colo. Agr. Coll. and Exp. Sta., 1899-1909; present position, 1909-. Fellow A. A. A. S. *Auth.:* (with Whipple) Fruit-Growing in Arid Regions, 1910. (Pom.). —*b.* Three Oaks, Mich., July 12, 1866; *s.* Steven Tappan and Aurelia (Butler) P.; reared on farm; *m.* Jessie G. Francis, Dec. 23, 1895; *c.* Francis, Elizabeth, Evelyn. B.S., Mich. Agr. Coll., 1893; M.S., 1898.

Pailthorp, Raymond R., marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Del. Exp. Sta., and asst. prof. hort., Del. Coll., 1913-7; invest. in transportation of fruits and vegetables, Bur. Markets, U. S. Dept. Agr., 1918-23; present position, 1923-. —*b.* Petoskey, Mich., Apr. 11, 1889; *s.* Chas. Jas. and Jessie (Westcott) P.; reared on farm; *m.* Isabel Smith, June 16, 1916; *c.* Robt. Westcott, John Raymond, Mary Evelyn. B.S., Mich. Agr. Coll., 1913.

Painter, Henry Raymond, asst. ent., U. S. Dept. Agr., Box 95, W. LaFayette, Ind.

Mem. Ind. Acad. Sci. (Acrididae). —*b.* Big Springs, Kans., Sept. 10, 1898; *s.* Geo. Washington and Minnie Belle (Duncan) P.; reared on farm; *m.* Sophia Anna Ardapple, Jan. 12, 1922; *c.* Ruth Almira. B.S., Okla. A. & M. Coll., 1912; M.S., 1916. Phi Kappa Phi.

Painter, Stanley Cole, co. agrl. agt., North Hero, Vt.

Instr. agr., high-sch., Kittaning, Pa., Sept.-Nov., 1917; pig club leader, Vt. and N. H., 1917-8; pig club leader and sheep specialist, Univ. Vt., 1918-9; present position, 1919-. Served in Air Serv., U. S. Army, 1918. —*b.* Kittaning, Pa., Dec. 21, 1891; *s.* Jas. A. and Mary (Bowser) P.; reared on farm; *m.* Florence Swank, July 18, 1918; *c.* Donald Watt. B.S., Penn. State Coll., 1917.

Palmer, Charles Conger, prof. and head dept. an. ind., prof. bact. and hygiene, Univ. Del., Newark, Del.

Instr. vet. med., Univ. Minn., 1913-5; asst. prof. physiol. and vet. sci., 1915-7; present position, 1917-. Lieut. Vet. Corps, U. S. Army. —*b.* Canton, O., July 20, 1892; *s.* Chas. Curtis and Jula (Conger) P.; reared in city and on farm; *m.* Lucile Hamilton Long, Sept. 4, 1913. D.V.M., Ohio State Univ., 1912; M.S., Univ. Minn. Alpha Psi; Sigma Phi Epsilon; Phi Kappa Phi.

Palmer, Ephraim Laurence, prof. rural educ. and ed. Cornell Rural School Leaflet, Cornell Univ., Ithaca, N. Y.

Prof. bot. and elem. agr., Ia. State Teach. Coll., 1913-9; present position, 1919-; teach. summer sch., Univ. Calif., 1922, 1924; Ia. State Coll., 1923; Utah Agr. Coll., 1925. Vice-pres. and assoc. ed. Amer. Nature Study Soc. Contr. to Book of Rural Life. Fellow A. A. A. S., Ia. Acad. Sci. Seaman, U. S. Navy Reserve Force, 1918-9. —*b.* McGraw, N. Y., July 8, 1888; *s.* Ephraim Clark and Laura Lincoln (Darrow) P.; reared in town; *m.* Katherine E. H. Van-Winkle, Dec. 24, 1921; *c.* Laurence Van-Winkle. A.B., Cornell Univ., 1911; M.A., 1913; Ph.D., 1917. Sigma Xi; Phi Delta Kappa; Gamma Alpha.

Palmer, James B., voc. dir. Edinboro State Normal Sch., Edinboro, Pa.

Asst. agrl. agt. Ontario Co., N. Y., 1920; Ulster Co., 1921; jr. salesman

Washington St. wholesale market, N. Y. City, 1921-2; asst. ext. ent., Cornell Univ., 1922-3; present position, 1923-. In Chem. Warfare Serv., World War. —*b.* Meadville, Pa., Nov. 14, 1899; *s.* Jas. J. and Ida (Gorman) P.; reared on farm and in town. B.S., Cornell Univ., 1921. Gamma Alpha.

Palmer, Leroy Sheldon, prof. agrl. biochem., Univ. Minn., University Farm, St. Paul, Minn.

Chem., Dairy Div., U. S. Dept. Agr., 1909-11; in chg. coop. res. lab., Univ. Mo., 1911-3; asst. prof. dairy chem., 1913-9; assoc. prof. agrl. biochem. and dairy chem. Exp. Sta., Univ. Minn., 1919-22; prof. agrl. biochem. in chg. sections of an. nutr. and dairy chem., 1922-. Fellow A. A. A. S. —*b.* Rushville, Ill., Mar. 23, 1887; *s.* Samuel Cornelius and Anna Jane (Goodman) P.; reared in city; *m.* Nina Gay Wilcox, Sept. 14, 1911; *c.* Bess Wilcox, Leroy S. Jr., James Samuel. B.S., Univ. Mo., 1909; M.A., 1911; Ph.D., 1913. Sigma Xi; Tau Beta Pi; Alpha Chi Sigma; Gamma Sigma Delta; Alpha Zeta; Phi Mu Alpha.

Palmer, Miriam A., asst. prof. ent. and zool. and delineator in ent. Exp. Sta., Colo. Agr. Coll., Fort Collins, Colo.

Present position, 1904-. (Coccinellidæ, Aphididæ). —*b.* Phoenixville, Pa., Aug. 28, 1878; *d.* Samuel S. and Henrietta C. (Werner) P.; reared on farm. B.A., Kans. State Univ., 1903; M.S., 1904. Phi Beta Kappa.

Palmer, Sims Allen, co. agrl. agt., Crosbyton, Tex.

Druggist, 1920-3. General manag. Crosby Co. Fair Assoc., 1924. Served in U. S. Army, 1918; 1st Lieut. Inf., Nat. Guard, 1922-3. —*b.* Forreston, Tex., June 21, 1895; *s.* Wm. Amos and Henry (Brewer) P.; reared on farm; *m.* Nelle D. Elliot, Jan. 26, 1924. Student Tex. A. & M. Coll., 2 yrs.

Palmer, Theodore Andrew, prof. an. husb. and farm manag., Riggs Sch., Lakeville, Conn.

Dairyman, H. A. Kiebey, Warwick, R. I., 1916-7; instr. an. husb., R. I. State Coll., 1917-8; present position, 1919-. Served in U. S. Army, 1918. —*b.* Hopkinton, R. I., Dec. 17, 1893; *s.* Everette P. and Annie (Jackson) P.; reared on farm; *m.* Ruth Townley, Feb. 27, 1919. B.S., R. I. State Coll., 1916. Beta Phi.

Palmer, William Carl, ed. publications N. D. Agr. Coll., Agricultural College, N. D.

In chg. Substa., Lynd, Minn., 1898-1901; with U. S. Bur. Soils, 1902-3; farmers inst. lect., Minn., 1904-5; dean Winona Agr. Coll., Ind., 1905-9; present position, 1910-. Sec. Tri State Grain and Stock Growers Convention, 5 yrs. —*b.* Hudson, Wis., Aug. 20, 1873; *s.* Andrew J. and Louisa (Johnson) P.; reared on farm; *m.* Avis Margaret Johnston, June 14, 1906. B.A., B.S., Univ. Valparaiso, 1896; B.S.A., Univ. Minn., 1900; M.S., Univ. Valparaiso, 1908.

Palmer, William Henry, state leader boys and girls club work, Ohio State Univ., Columbus, O.

Ext. specialist an. husb., Ohio State Univ., 1912-6; present position, 1916-. Farmer, 1907-12. —*b.* Fairfield Co., O., July 9, 1882; *s.* John and Emily (Miller) P.; reared on farm; *m.* Lelia Sherwood Work, June 18, 1912; *c.* Carl Work, Dean Wm., Margaret Jane. B.S.A., Ohio State Univ., 1905; M.S.A., 1907. Alpha Zeta.

Paris, J. Ed. Andre, agrst., Grand Riviere, Que.

b. Fortierville, Que., Mar. 17, 1896; *s.* Napoleon and Caroline (Laquerre) P.; reared on farm; *m.* Emily Mill, July 10, 1924; *c.* Estelle. B.S.A., Agrl. Sch., Ste.-Anne-de-la-Pocatiere, Que.

Park, Harold Elmer, superv. voc. agr. in Cumberland Co., Carlisle, Pa.

Served in U. S. Army, 1918. —*b.* Pittston, Pa., Jan. 2, 1894; *s.* A. C. and Katharine (Hauze) P.; reared on farm. B.S., Penn. State Coll., 1923. Alpha Zeta.

Park, Jay Boardman, prof. farm crops and head dept., Ohio State Univ., and assoc. agron. Exp. Sta., Columbus, Ohio.

Asst. chem., Ill. Exp. Sta., 1908-11; assoc. plant-breeding, 1911-4; present position, 1916-. *Assoc. ed.*, Ohio Journal of Science, 1918-. (Plant-breeding). —*b.* Clarence, Ill., Jan. 30, 1884; *s.* Robt. Calvin and Harriet Grace (Holler) P.; reared on farm; *m.* Mary Ethel Nation, Aug. 31, 1909; *c.* Robt., Jean Eloise. B.A., Univ. Ill., 1908; M.S., 1912; Sc.D., Harvard Univ., 1916. Sigma Xi; Sigma Chi; Gamma Alpha.

Parke, Leland Stanford, teach. voc. agr., high-sch., Chandler, Ariz.

Farmer, Salt River Project, Ariz., 2 yrs.; agrl. field agt., 2 yrs.; state club leader, Univ. Ariz., 5 yrs. —*b.* Paullina, Ia., Nov. 24, 1886; *s.* Frank Leslie and Jennie (Morehouse) P.; reared in town; *m.* 1920. B.S., Ia. State Coll., 1911. Phi Kappa Psi.

Parker, Charles Duncan, teach. voc. agr. and supt. schs., high-sch., Dilley, Tex.

Farmer. Vice-pres. Purebred Live Stock Assoc.; dir. Frio Co. Fair Assoc.; dir. Dilley Chamber of Commerce. —*b.* Franklin, Tex., Mar. 12, 1885; *s.* J. W. and Kate (Bell) P.; reared on farm; *m.* Jessie Menefee, Dec. 31, 1917. B.S., Tex. A. & M. Coll., 1923.

Parker, Frank Wilson, soil chem., Ala. Poly. Inst., Auburn, Ala.

b. Hamilton, Ill., Oct. 23, 1897; *s.* Sanford R. and Victoria (Wilson) P.; reared in town; *m.* Ruth M. Talbot, Feb. 1, 1922; *c.* Jean Talbot, Robt. Wilson. B.S., Ala. Poly. Inst., 1918; Ph.D., Univ. Wis., 1921. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta.

Parker, Fred B., farmer, 26 State St., Batavia, N. Y.

Farmer, 1886-; State Fair comnr.; mem. N. Y., State Legislature, 1907-9; chm. Co. Republican Com.; sec.-general manag. Genesee Co. Agrl. Soc., Batavia, 1914-. —*b.* Elba, N. Y., Nov. 4, 1864; *s.* Edwin and Lydia (Hammond) P.; reared on farm; *m.* Alice E. Macomber, Feb. 27, 1889; *c.* Helen Lydia.

Parker, John H., prof. crop improvement, Kans. State Agr. Coll. and agt., U. S. Bur. Plant Ind., Manhattan, Kans.

Sci. asst., Bur. Plant Ind., U. S. Dept. Agr., 1913-7; present position, 1917-. Fellow A. A. A. S.; mem. Kans. Acad. Sci. (Plant-breeding). —*b.* St. Paul, Minn., Aug. 13, 1891; *s.* Chas. D. and Frances (Comings) P.; reared in town; *m.* Marjorie E. Marchbank, June 25, 1917. B.S., Univ. Minn., 1913; M.S., Cornell Univ., 1916. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Parker, John Robert, assoc. ent., Mont. Agr. Exp. Sta., Bozeman, Mont.

Grad. asst., Mass. Agr. Coll., 1908-9; asst. ent., Mont. Agr. Exp. Sta., 1910-22; res. asst. in ent., Minn. Agr. Exp. Sta., 1922-4; present position, 1924-. —*b.* Windsor, Conn., June 28, 1884; *s.* John B. and Estella (Viets) P.; reared on farm; *m.* Mae E. Phillips, Sept. 23, 1911; *c.* John Phillips, Elizabeth. B.S., Mass. Agr. Coll., 1908; M.S., 1923. Kappa Sigma; Phi Kappa Phi; Gamma Alpha.

Parker, Joseph Bachelor, assoc. dairy husb., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Teach. agr., high-sch., Wells, Me., 1 yr.; dairy ext. work in Ark., 1 yr., S. C., 2 yrs.; creamery work, Me., 1 yr.; present position, 1921-. Machinist mate Aviation Serv., World War. —*b.* Foxcroft, Me., Sept. 15, 1893; *s.* Geo. W. and Annie M. (Lyford) P.; reared in city; *m.* Eva M. Clark, Nov. 19, 1918; *c.* Joseph B. Jr. B.S.A., Univ. Me., 1915. Alpha Zeta; Phi Kappa Phi.

Parker, Laurence Houghton, exec. sec. The World Agrl. Soc., Eddy Place, Brookfield, Mass.

Supt. Middleboro, Wareham and Buzzards Bay Street Ry. Co., 1902-3; instr. to assoc. prof., Amherst Coll., 1907-22; prof. econ. and sociol., Mass. Agr. Coll., 1922-3. Del. to Intern. Inst. Agr., Rome, Italy; vice-pres. Intern. Assoc. for Agrl. Missions. Asst. dir. agrl. educ., A. E. F., 1918. *Ed.*, World Agriculture, 1919-. (Agrl. econ.). —*b.* Newton, Mass., Nov. 15, 1878; *s.* Horace B. and Henrietta (Barry) P.; reared in country; *m.* Vi-

vien May Norris, Oct. 14, 1902; *c.* Elizabeth Eddy, John Barry. A.B., Tufts Coll., 1902. Delta Upsilon.

Parker, Ralph Coy, Fed. Land Bank. Springfield, Mass.

Co. agrl. agt., Suffolk Co., N. Y., 1917-20; distr. rep. Nat. Lime Assoc., Springfield, Mass., 1920-4. —*b.* Spencerport, N. Y., May 20, 1890; *s.* Chas. R. and Hattie (Coy) P.; reared on farm; *m.* Mildred Hallett, Feb. 9, 1918; *c.* Robt. Hallett. Commercial course, Rochester Business Inst., 1911; B.S., Cornell Univ., 1917. Alpha Gamma Rho.

Parker, Ralph Langley, asst. prof. ent. and asst. ent. Exp. Sta., Kans. State Agr. Coll., Manhattan, Kans.

Instr. physiol., Ia. State Coll., 1919-23; asst. chief apiculture, Ia. Agr. Exp. Sta., 1923-4; present position, 1925-. Fellow Ia. Acad. Sci. Served in World War, 1917-9. —*b.* Brockton, Mass., Apr. 12, 1892; *s.* John L. and Bertha (Drake) P.; reared in city; *m.* Irene D. Gaskill, May 18, 1918. B.S., R. I. State Coll., 1915; Sc.M., Brown Univ., 1917; M.S., Ia. State Coll., 1922; Ph.D., Cornell Univ., 1925. Sigma Xi.

Parker, Robert Stewart, co. agrl. agt., Haynesville, Ala.

b. Ala., Apr. 24, 1876; *s.* Robt. M. and Virginia (Stewart) P.; reared on farm; *m.* Gertrude Dickinson, 1904; *c.* Lucy, Robt., Dorothy. Student Ala. Poly. Inst., 1893-6; Miss. A. & M. Coll., 1897-8; Univ. Minn., 1898-1900.

Parker, Sumner R., co. agt. leader, Mass. Agr. Coll., Amherst, Mass.

Teach. agr., Kennekaneha schs., Honolulu, Hawaii, 1906-7; supt. Mixter Farm, Hardwick, Mass., 1908-15; present position, 1916-. —*b.* Brimfield, Mass., Nov. 13, 1882; *s.* Orus E. and Eva A. (Ward) P.; reared on farm; *m.* Inez J. Doane, June 7, 1911; *c.* Leonard Ward, Helen Elizabeth, Louise Doane. B.S., Mass. Agr. Coll., 1904. Alpha Sigma Phi.

Parker, Thomas A., co. agrl. agt., Warsaw, Ind.

Teach. voc. agr., Metz, Ind., 1917-8; co. agrl. agt., Angola, Ind., 1918-21; present position, 1921-. —*b.* Atwood, Ind., Jan. 12, 1890; *s.* Elijah J. and Ada M. (Orr) P.; reared on farm; *m.* Esther H. Parker, Jan. 1917; *c.* Thos. A. Jr., Margaret. B.S.A., Winona Coll. Agr., 1915; A.B., Winona Fed. Coll., 1917.

Parkhurst, Raymond Thurston, prof. poultry husb. and poultry husb. Exp. Sta., Univ. Ida., Moscow, Ida.

Ext. asst. prof. poultry husb., Ia. State Coll., 1919-21; present position, 1921-. —*b.* Everett, Mass., Apr. 24, 1898; *s.* Fred Lincoln and Celeste E. (Thurston) P.; reared in city and on farm. B.S., Mass. Agr. Coll., 1919. Kappa Sigma.

Parkinson, Harry Glen, prof. agrl. educ., Penn. State Coll., State College, Pa.

Teach. Amer. Farmers' Sch., Minneapolis, 1913-5; Mt. Pleasant Voc. Sch., 1915-7; present position, 1917-. —*b.* Time, Pa., May 16, 1890; *s.* John L. and Caroline (Simpson) P.; reared on farm; *m.* Mary Hope Patton, Dec. 28, 1910; *c.* John Patton, Alice Jane, Harry G. Jr., Edwin W. A.B., Waynesboro Coll., 1911; B.S.A., Univ. Ill., 1913; M.S.A., Cornell Univ., 1923. Phi Sigma; Tau Kappa Epsilon; Alpha Gamma Phi; Gamma Sigma Delta; Phi Delta Kappa; Kappa Delta Pi.

Parks, Joseph C., superv. rural schs., Pomonkey, Md.

Sergeant U. S. Army, A. E. F. — *b.* Lexington, Ky., Oct. 20, 1892; *s.* Hanbil and Lillie (Lee) P. (col.); reared on farm.

Parks, Thaddeus H., ext. prof. ent., Ohio State Univ., Columbus, O.

Sci. asst., Bur. Ent., U. S. Dept. Agr., 1909-13; ext. ent., Univ. Ida., 1913-5; ext. ent., Kans. State Agr. Coll., 1916-8; present position, 1918-. —*b.* Asheville, O., Feb. 14, 1887; *s.* Wm. A. and Harriet A. (Hedges) P.; reared on farm; *m.* Martha Dyer, Aug. 20, 1913; *c.* Richard, Ruth. B.S.A., Ohio State Univ., 1909.

Parnell, Edward D., teach. voc. agr. and princ. high-sch., Littlefield, Tex.

b. Albany, Tex., Jan. 6, 1901; *s.* J. B. and Mittie (Martin) P.; reared on farm. Grad. John Tarleton Coll., 1921; B.S., Tex. A. & M. Coll., 1923.

Parr, Virgil Verser, assoc. an. husb., U. S. Dept. Agr., Stamford, Tex.

General manag. Thompson Bros. Lumber Co., Trinity, Tex., 1914-5; Thompson-Tucker Lumber Co., Groveton, 1915-7. Capt. Inf., U. S. Army, 1918-9. (Beef cattle under range conditions). —*b.* Waelder, Tex., Oct. 4, 1888; *s.* Robt. S. and Mary Elizabeth (Kaigler) P.; reared on farm. B.S.A., Tex. A. & M. Coll., 1914.

Parrott, Percival John, ent., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. ent., Kans. State Agr. Coll., 1898-9; asst. ent., N. Y. Agr. Exp. Sta., Geneva, 1900-2; ent., Ohio Exp. Sta., 1902-4; present position, 1904-. Fellow A. A. A. S.; fellow Ent. Soc. of Amer. Vice-pres. Amer. Assoc. Econ. Ent., 1910, pres., 1914; mem. adv. com., Journal Econ. Ent., 1915-; mem. exec. com., Ent. Soc. of Amer., 1916; ent., Kans. Hort. Soc., 1898-9; N. Y. State Fruit-Growers Assoc., 1905-10; W. N. Y. Hort. Soc., 1905-17. —*b.* Croydon, England, May 28, 1874 (naturalized as minor); *s.* Joseph and Emma (Belgrove) P.; reared on farm; *m.* Florence Mildred Hubbard, Sept. 5, 1906; *c.* Florence Margaret, Percival John. A.B., Kans. State Univ., 1897; A.M., 1898. Phi Beta Kappa; Sigma Xi.

Parry, William Theodore, supt. rural high-sch., Paxico, Kans.

Agrl. dir., high-sch., Elk River, Minn., 1912-6; St. Cloud, Minn., 1916-8; co. agrl. agt., Elk River, Minn., 1918-20; supt. rural high-sch., Linwood, Kans., 1920-3; Paxico, Kans., 1923-. (Farm crops). —*b.* Linwood, Kans., Oct. 9, 1889; *s.* Hugh and Sarah Esther (Tudhope) P.; reared on farm; *m.* Etta Fay Reid, June 16, 1913; *c.* Theodore Albert, Esther Laura. B.S.A., Kans. State Agr. Coll., 1912.

Parsons, Freeman Earl, standardization and insp. specialist, Va. Div. Markets, 1030 State Office Bldg., Richmond, Va.

With U. S. Bur. Agrl. Econ., 1917-22; present position, 1922-. Served in U. S. Army, 1918. (Fruits and vegetables). —*b.* Warren Co., Ill., Feb. 20, 1891; *s.* Horace G. and Ida (Rodgers) P.; reared on farm. B.S., Ia. State Coll., 1917. Alpha Zeta.

Parsons, Thomas Smith, ext. agron. and soil specialist, Univ. Wyo., Laramie, Wyo.; Aug. 5, 1873-Mar. 1923. See Rus 1920.

Partridge, Edward Francis, farmer, Cornell, Ill.

b. Cornell, Ill., Feb. 6, 1902; *s.* Edward A. and Elizabeth (Smith) P.; reared on farm. B.S., Univ. Ill., 1923. Beta Lambda.

Partridge, Newton Lyman, asst. prof. hort., Mich. State Coll., E. Lansing, Mich.

Res. hort., Del. Exp. Sta., 1919-20; ext. asst. prof. pom., Ia. State Coll., 1920; present position, 1921-. 1st Lieut. and Capt. Field Art., U. S. Army, 1917-9; served in A. E. F. —*b.* Chicago, Ill., Dec. 10, 1890; *s.* Newton A. and Nellie (Hammond) P.; reared in city. B.S., Univ. Ill., 1913; M.S., 1914; Ph.D., 1917. Sigma Xi; Sigma Phi Sigma.

Passage, Howard, teach. agr., high-sch., Sparta, Mich.

Present position, 1923-. Served in U. S. Army, 1917-9; traveled in Panama, 1919. —*b.* Hastings, Mich., Nov. 22, 1895; *s.* Joseph Henry and Alice (Engle) P.; reared on farm. B.S., Mich. Agr. Coll., 1923.

Patch, Edith Marion, ent., Me. Exp. Sta., Orono, Me.

Teach. English and zool., high-sch., Hastings, Minn., 1901-2; teach. English, high-sch., Crookston, 1902-3; present position, 1903-. Fellow A. A. A. S.; fellow Ent. Soc. of Amer. *Auth.*: Dame Bug and Her Babies, 1913; How Laddie Tells the Time o' Year, 1914; A

Little Gateway to Science, 1920; Hexapod Stories, 1920; Bird Stories, 1921. —*b.* Worcester, Mass., July 27, 1876; *d.* Wm. Whipple and Salome (Jenks) P.; reared on farm. B.S., Univ. Minn., 1901; M.S., Univ. Me., 1910; Ph.D., Cornell Univ., 1911. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Phi Sigma; Delta Delta Delta.

Patch, Gifford Jr., asst. market dir., Mich. State Coll., E. Lansing, Mich.

Asst. lab. instr. soils, Mich. Agr. Coll., 1915-6; teach. agr. and sci., high-sch., Mt. Pleasant, Mich., 1916-8; agt. Montcalm Co., 1918-20; present position, 1920-. —*b.* Liberty, Mich., July 14, 1890; *s.* Gifford and Lavina (McGraw) P.; reared on farm; *m.* Frances E. Kirk, Aug. 31, 1916; *c.* Frances K., Marion L., Wm. K. B.S., Mich. Agr. Coll., 1916.

Patch, Lawrence Henry, jr. ent., U. S. Dept. Agr., Box 283, Sandusky, O.

Ensign, U. S. Navy, 1917-9. —*b.* Wenham, Mass., Mar. 15, 1896; *s.* Austin C. and Mabel L. (Batchelder) P.; reared on farm. B.S., Mass. Agr. Coll., 1919. Theta Chi.

Patch, Roland Harrison, asst. prof. flor., Conn. Agr. Coll., Storrs, Conn.

Foreman in chg. trees, Forest Hills Cemetery, Boston, Mass., 1911-2; gardener, Waveny Farm, New Canaan, Conn., 1912; asst. flor., Cornell Univ., 1912-3; instr., 1913-5; instr. agrl. bot., Essex Co. Agrl. Sch., Hathorne, Mass., 1915-6; chief gardener, U. S., N. H. D.V.S., Hampton, Va., 1916-7; instr. flor., W. Va. Univ., 1917-9; asst. prof., 1919-22; present position, 1922-. Served in U. S. Army, 1918-9. —*b.* Wenham, Mass., July 28, 1888; *s.* Austin Chase and Mabel Louise (Batchelder) P.; reared in village. B.S., Mass. Agr. Coll. and Boston Univ., 1911; M.S.A., Cornell Univ., 1916. Theta Chi.

Pate, H. Oscar, sec.-treas. and office manag., Miss. Farm Bur. Cotton Assoc., Jackson, Miss.

Formerly prof. agrl. econ. and chg. editorial work, Miss. A. & M. Coll. — *b.* Coffeeville, Miss., Oct. 14, 1886; *s.* H. P. and Martha Camelia (Farrell) P.; reared on farm; *m.* Ethel Liware Kirby, Dec. 25, 1912; *c.* Hal Payson. A.B., Univ. Miss., 1911; M.Sc., Miss. A. & M. Coll., 1913.

Pate, William Franklin, prof. soils, N. C. State Coll., and chg. soil fert. invests., Exp. Sta., Raleigh, N. C.

Asst. chem., Ill. Exp. Sta., 1902-6; asst. chem. in soils, Ohio Exp. Sta., 1907-10; instr. chem., N. C. State Coll., 1911-3; assoc. in soil fert., N. C. Exp. Sta., 1913-24; present position, 1924-. —*b.* Snow Hill, N. C., May 22, 1881; *s.* MacDonald and Zilphia (Edwards) P.; reared in town; *m.* Faye Packer Blayney, Nov. 21, 1910; *c.* Wm. McDonald, Nancy Lee. B.S., N. C. State Coll., 1901; M.S., 1913. Alpha Zeta.

Paterson, Andrew Minie, asst. sec. Amer. Royal Live-Stock Show and ext. dept., Kansas City Stock Yards, Kansas City, Mo.

Asst. an. husb., Kans. State Agr. Coll., 1913-4; instr., 1915-6; asst. prof., 1917-8; assoc. prof., 1919-20; prof. sheep husb., 1920-3; present position, 1923-. —*b.* Brantford, Canada, Aug. 15, 1886 (naturalized 1918); *s.* Jas. and Maria (Mayled) P.; reared on farm; *m.* Medeleine Baird, Apr. 10, 1915. B.S., Kans. State Agr. Coll., 1913. Beta Theta Pi.

Paterson, Frank Chester, agrl. rep., Port Hope, Ont.

b. Ellesmere, Ont., Apr. 8, 1894; *s.* Arch J. and Mary (Chester) P.; reared on farm; *m.* Eva McGregor, June 15, 1917. B.S.A., Ont. Agr. Coll., 1915.

Patrick, Austin L., assoc. prof. soil tech., Penn. State Coll., State College, Pa.

Sci. in soil survey, Bur. Soils, U. S. Dept. Agr., 1913-9; present position, 1919-. —*b.* Scranton, Pa., Aug. 23, 1889; *s.* H. N. and Ella (Lathrop) P.; reared on farm and in city; *m.* Marguerite B. Paysen, July, 1915; *c.* Austin L. Jr., Geo. Guthrie. B.S., Penn. State Coll., 1913; M.S., 1924. Theta Xi.

Patrick, Norbonne Robert, instr. voc. agr., high-sch., Fincastle, Va.

In U. S. Ry. mail serv., 1897-1902; engin., 1902-10; dairy and fruit farmer,

Rustburg, Va., 1910-20; present position, 1921-. —*b.* Rustburg, Va., Aug. 24, 1874; *s.* H. T. and Martha A. (Dinwiddie) P.; reared on farm; *m.* Nora V. Ewell, Nov. 3, 1910; *c.* Jean Ewell. B.S. in M.E., Va. Poly. Inst., 1896; B.S. in Agrl. Educ., 1921.

Patridge, Katye Lavennia, home dem. agt., Natchez, Miss.

Formerly home dem. agt., Holly Springs, Miss. —*b.* Lodi, Miss., Oct. 30, 1898; *d.* W. H. and Bell (Townsend) P.; reared on plantation.

Patten, Andrew Jarvis, chem., Mich. Exp. Sta., E. Lansing, Mich.

Asst. chem., Me. Exp. Sta., 1897-1900; asst. chem., N. Y. Agr. Exp. Sta., 1900-5; present position, 1905-. —*b.* Cherryfield, Me., July 1, 1874; *s.* Frank W. and Martha (Campbell) P.; reared in town; *m.* Helena M. Dyer, May 1, 1911. B.S., Univ. Me., 1897; studied Univ. Heidelberg, 1902-3. Phi Kappa Phi; Alpha Tau Omega.

Patterson, Clarence David, co. agrl. agt., Madison, Minn.

Instr. agr., high-sch., Apr.-Dec. 1917; ext. specialist farm manag., Univ. Minn., 1917-9; present position, 1919-. Served in U. S. Navy, 3 mos. —*b.* Sibley, Ia., Nov. 1, 1890; *s.* Leslie S. and Ida (Martin) P.; reared on farm; *m.* Ruth Etta Fulton. Grad. Univ. Minn., 1916. Alpha Gamma Rho.

Patterson, Clarence Edward, prof. agr., high-sch., Lexington, S. C.

Supt. Marvin Acad., 1921-2; supt. high-sch., Hudson, 1922-3; present position, 1923-. Served in U. S. Army, 1917-8. —*b.* Ft. Mill, S. C., Sept. 28, 1897; *s.* J. B. and Sallie (Parks) P.; reared on farm; *m.* Kathleen Eugenia Hall, June 7, 1922. B.S., Clemson Agr. Coll., 1921.

Patterson, George Alexander, instr. voc. agr. and farm mech., Ceres Union High-Sch., Ceres, Calif.

With Western Union Telegraph Co., Oakland, Calif., 7 yrs.; master mech., Mills Orchard Corp., 1919; farmer, Knights Ferry, Calif., 1920; Modesto, 1920-. 1st Lieut. Motor Transport Corps, U. S. Army, 1917-9. Pres. Fairview Farm Bur., 1924. —*b.* Oakland, Calif., May 21, 1894; *s.* Alex John and Mary (Hughes) P.; reared in city; *m.* Corinne Teague, Oct. 12, 1918; *c.* Chesley A. B.S., Univ. Calif., 1918.

Patterson, Harry Jacob, dir. Md. Exp. Sta., College Park, Md.

Asst. chem., Penn. Exp. Sta., 1886-8; chem., Md. Exp. Sta., 1888-; dir., 1898-; pres. Md. Agr. Coll., 1913-7. Fellow A. A. A. S. Pres. Assoc. of Official Agrl. Chem. —*b.* Yellow Springs, Pa., Dec. 17, 1867; *s.* Wm. Calvin and Adaline (Mattern) P.; reared on farm; *m.* Elizabeth Hayward Hutchinson, Oct. 25, 1895; *c.* Blanche Seely, Wm. Calvin. B.S., Penn. State Coll., 1886; D.Sc., Md. Agr. Coll., 1912.

Patterson, Howard F., farmer, Aberdeen, S. D.

Asst. prof. agron. and princ. Sch. Agr., Mont. State Coll., 1909-12; supt. S. D. Better Farming Assoc., 1912-5; seedsman, farmer and rancher, 1915-. Pres. Bath State Bank. Pres. Interstate Live-Stock Breeders Assoc.; sec. Brown Co. Agrl. Ext. Assoc. *Ed.,* Northwestern Stockman and Farmer, Helena, Mont., 1909-11. —*b.* Burt, Ia., Mar. 30, 1886; *s.* Geo. N. and Elizabeth (Mackay) P.; reared on farm; *m.* Genevieve Harris, Aug. 6, 1913; *c.* Harris H., Ann Elizabeth. B.S., Ia. State Coll., 1909. Delta Theta Sigma.

Patterson, Mary Frances, assoc. prof. household art and design and chm. dept. household art, Univ. Calif., Berkeley, Calif.

Instr. design, R. I. Sch. of Design, 1906-10; asst. curator and docent in museum, 1910-1; lect. and instr. drawing, design and hist. of art, Lincoln Sch., Providence, R. I., and instr. in Saturday Sch., R. I. Sch. Design, 1911-3; lect. hist. art and ancient artistic crafts, Norwich Art Sch., Conn., 1912-4; independent professional work in interior decoration, stage settings and costume, pageantry, 1913-4; asst. prof. dom. art, Univ. Calif., 1914-6; assoc. prof. household art and design and chm.

dept., home econ., 1918-20; present title, 1920-. Traveled and studied in Europe, 1905-6, 1910, 1923-4. —*b.* Niagara Falls, N. Y., Dec. 16, 1872; *d.* Geo. Herbert and Frances Amelia (Bolles) P.; reared in city. Grad. with honors, R. I. Sch. of Design, 1904; grad. student, 1905-6.

Patterson, Robert Thomas, teach. voc. agr., high-sch., Wakefield, Kans.

Served in A. E. F., 1917-9. (An. husb.). —*b.* Ellsworth, Kans., Oct. 10, 1897; *s.* Arthur A. and Hetty J. (Wade) P.; reared on farm. B.S., Kans. State Agr. Coll., 1924. Phi Kappa Delta; Gamma Sigma Delta; Delta Tau Delta; Alpha Zeta.

Patterson, Thomas Milton, state market agt., U. S. Dept. Agr. and Miss. A. & M. Coll., Agricultural College, Miss.

b. Lincoln Co., Miss., June 8, 1891; reared on farm and in country town. B.S., Miss. A. & M. Coll., 1914; M.S., 1915.

Patteson, George Walker Jr., ext. agron., Va., Poly. Inst., Blacksburg, Va.

Served in A. E. F.; Capt. Cavalry Reserve Corps. —*b.* Manteo, Va., Jan. 15, 1890; *s.* Geo. W. and Kate (Patteson) P.; reared on farm. B.S., Va. Poly. Inst., 1917.

Pattison, Benjamin Purdy, manag. Delta Milk Producers Assoc. and Delta Co. Farm Bur., Escanaba, Mich.

Prof. an. husb., W. Va. Univ., 1913-4; athletic coach, Purdue Univ., 1914-7; agt., Delta Co., Mich., 1917-21; present position, 1921-. —*b.* Caro, Mich., Oct. 9, 1890; *s.* Jas. and Mary May P.; reared on farm; *m.* Elsie Mathes, Apr. 17, 1918. B.S.A., Mich. Agr. Coll., 1912.

Patton, Fitzgerald E., co. agrl. agt., Rutherfordton, N. C.

Formerly co. agrl. agt., Burnsville, N. C. —*b.* Pisgah Forest, N. C., Dec. 1, 1891; *s.* Robt. E. and Minnie (Fitzgerald) P.; reared on farm. B.S., N. C. State Coll., 1914.

Patty, Ralph L., head dept. agrl. engin., S. D. State Coll., Brookings, S. D.

Teach. sci. and athletics, high-sch., 6 yrs.; ext. specialist agrl. engin., S. D. State Coll., 1916-24; head dept., 1924-. 2d Lieut. Engin., O. R. C., U. S. Army. (Drainage engin., farm bldgs.). —*b.* Redfield, Ia., Aug. 28, 1889; *s.* David S. and Mina J. (Hastings) P.; reared on farm; *m.* Gertrude P. Jones, Aug. 10, 1909; *c.* Gertrude E., Leland J. B.D., Ia. State Teach. Coll., 1907; B.S., Ia. State Coll., 1916. Tau Beta Pi.

Paulson, Walter Ernest, asst. prof. farm manag., Purdue Univ., LaFayette, Ind.

Teach. U. S. High-Sch., Canal Zone, Panama, 1917-8; high-sch., Monroe, Wis., 1918-20; asst. agrl. econ., Univ. Wis., 1921-3; fellow, 1922-3; present position, 1923-. —*b.* Hollandale, Wis., Feb. 19, 1890; *s.* Paul J. and Christina (Knutson) P.; reared on farm; *m.* Alma Swink, Aug. 18, 1923. Grad. State Normal, Platteville, Wis., 1913; Ph.B., Univ. Wis., 1917; Ph.D., 1923.

Paxton, Edward Coleman, agrl. statistician, U. S. Bur. Agrl. Econ., State House, Topeka, Kans.

Prof. math., high-sch., Olathe, Kans., 1908-9; supt. schs., Gardner, 1909-12; Spring Hill, 1912-4; field agt., Bur. Crop Estimates, in Utah and Nev., 1914-7; in Kans., 1917-. —*b.* Garnett, Kans., Dec. 18, 1882; *s.* Nathaniel J. and Mary (Kirkton) P.; reared on farm; *m.* Ann Montgomery, Aug. 31, 1910; *c.* Patricia Clare. A.B., Coll. Emporia, 1908.

Payne, Irving Whittier, chief lands. arch. sect., Off. Public Bldgs. and Public Parks, 1736 Church St., N. W., Washington, D. C.

Farmer, 10 yrs. Sr. fellow Amer. Inst. Park Executives; mem. Amer. Soc. Lands. Arch. Lands. arch. in. chg. beautification of grounds at Naval Base, Hampton Roads, Va., 1918; govt. lands. arch. District of Columbia, 1918-25. —*b.* Farmington, N. Y., June 16, 1883: *s.* Andrew Geo. and Cynthia Emily (Christie) P.; reared on farm. B.S., Univ. Mich., 1911; grad. student Cornell Univ., Harvard Univ., Univ. Mich.

Payne, Loyal Frederick, prof. and head dept. poultry husb., Kans. State Agr. Coll., Manhattan, Kans.

Supt. poultry farm, Okla. A. & M. Coll., 1912-4; instr. to prof. poultry husb., Mass. Agr. Coll., 1914-21; present position, 1921-. Sec.-treas. Amer. Assoc. Instr. and Invest. in Poultry Husb., 1922-. —*b.* Tecumseh, Neb., July 14, 1889; *s.* Thos. J. and Ellen (Meyer) P.; reared on farm; *m.* Mary Isabel Cobb, June 3, 1914; *c.* Ellen, Kenyon, Loyal C., Martha, Wm. B.S., Okla. A. & M. Coll., 1912; M.S., Kans. State Agr. Coll., 1925. Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

Payne, Walter Lee, instr. voc. agr. and supt. schs., high-sch., Richmond, Ill.

Instr. agr., high-sch., Carthage, Mo., 1914-6; emergency agrl. agt., Jasper Co., 1916; instr. voc. agr., Harvard, Ill., 1921-2; present position, 1922-. Served in U. S. Army, 1917-9; instr. an. husb., 89th Div. Foreign Agr. Coll., Hermeskiel, Germany, 1918. Sec. Richmond Burton Community Fair Assoc. —*b.* Monroe City, Mo., July 26, 1894; *s.* Chas. B. and Mary (Mollier) P.; reared on farm; *m.* Eleanor Mary Corby, June 22, 1921; *c.* Robt. Walter. B.S., Univ. Ill., 1920. Phi Delta Kappa.

Peacock, Neal D., assoc. prof. hort. and head hort. div., Univ. Tenn., Knoxville, Tenn.

Asst. prof. hort., Univ. Ga., 1919-21; field rep. Tenn. State Hort. Soc., 1921-3; present position, 1923-. —*b.* Kokomo, Ind., Jan. 27, 1897; *s.* J. L. and Amy (Hobson) P.; reared on farm; *m.* Tacie Thomas, July 12, 1921; *c.* Margaret Ellen. B.S.A., Purdue Univ., 1919; M.S.A., Univ. Tenn., 1923. Alpha Zeta.

Peacock, Walter Miller, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. instr., Cornell Univ., 1913-6; enumerator, L. I. and Steuben Co. crop surveys, 1913; in chg. crop surveys in Monroe, Franklin and Clinton cos., N. Y., 1914; instr. farm manag., Mass. Agr. Coll., 1916; in chg. teaching farm manag. and cost accounting, 1917-8; pres. and manag. Peacock Tractor Serv. Co., 1919-21; present position, 1922-. Sec. N. Y. State Potato Assoc., 1914-6; asst. sec.-treas. Potato Assoc. of Amer., 1923-. Asst. ed. and business manag. Potato News Bulletin, 1924; ed. and business manager, 1925-. —*b.* Friesburg, N. J., June 15, 1886; *s.* Thos. Hutchinson and Elizabeth (Hitchner) P.; reared on farm; *m.* Julia Fields, June 15, 1918; *c.* Franklin Kellogg, Jean Elizabeth, Edith Hitchner, Walter M. II. B.S., Cornell Univ., 1913; M.S.A., 1915. Acacia.

Peairs, Leonard Marion, prof. ent. and ent. Exp. Sta., W. Va. Univ., Morgantown, W. Va.

Instr. ent. and zool., Md. Agr. Coll., 1908-9; asst. prof., 1909-10; instr. ent., Kans. State Agr. Coll., 1910-2; assoc. prof. ent., W. Va. Univ., 1912-3; prof., 1913-. (Temperature as a biol. factor). —*b.* Lawrence, Kans., June 5, 1886; *s.* Chalmers Addison and Susan (Banta) P.; reared on farm and in town; *m.* Edith Pennington, June, 1915; *c.* Chalmers Addison Jr., Dorothea Janet. B.S.A., Kans. State Agr. Coll., 1905; M.S., 1907; grad. student and fellow, Univ. Chicago, 1916-7; Ph.D., 1925. Sigma Xi; Phi Kappa Phi.

Pearl, Raymond, prof. biometry and vital statistics, Sch. Hygiene and Public Health, and prof. biol., Med. Sch., Johns Hopkins Univ., Baltimore, Md.

Asst. zool., Univ. Mich., 1889-1902; instr., 1902-6; instr., Univ. Penn., 1906-7; biol. and head dept., Me. Exp. Sta., 1907-18; present position, 1918-; prof. biol., Med. Sch., 1923-; lect. Grad. Sch. Agr., Ames, Ia., 1910, E. Lansing, Mich., 1912. Chief statistician, U. S. Food Admins., 1917-9; dir. central statistical Bur., Baltimore Alliance, 1920-2; statistician, Johns Hopkins Hospital, 1919-. Mem. Nat. Acad. Sci.; Amer. Philosophical Soc. Fellow Amer. Acad. Arts and Sci.; correspondent, Acad. Natural Sciences, Philadelphia. Hon. sec. Intern. Assoc. Poultry Instrs. and Invests.; mem. Intern. Eugenics Council; hon. mem. Imperial Russian Soc. for Aviculture. Mem. exec. com. and chm. agr. comn., Nat. Res. Council, 1915-8. *Auth.*: Variation and Differentiation in Ceratophyllum, 1907; (with A. B. Clawson) Variation and Correlation in the Crayfish, 1907; (with Surface and Curtis) Poultry Diseases and Their Treatment,

1911; Modes of Research in Genetics, 1915; Diseases of Poultry, 1915; (with E. P. Matchett) Reference Handbook of World Food Statistics in Relation to the War, 1918; The Nation's Food, 1920; The Biology of Death, 1921; Medical Biometry and Statistics, 1923; Studies in Human Biology, 1924. *Assoc. ed.*, Journal Applied Microscopy, 1900-5; Zool. Jahresber, 1906-7; Biometrika, 1906-10; Zentrlbl. allg. Biol., 1910-5; Journal Agricultural Research, 1914-8; Genetics, 1915-; Journal Experimental Zoology, 1915-; chm. editorial bd., Proc. Nat. Acad. Sci., 1916; Metron, 1919-; Biologia Generalis, 1924-. —*b.* Farmington, N. H., June 3, 1879; *s.* Frank and Ida May (McDuffie) P.; reared in town; *m.* Maude De Witt, June 29, 1903; *c.* Ruth De Witt, Penelope Mackay. A.B., Dartmouth Coll., 1899; Ph.D., Univ. Mich., 1902; D.Sc., Dartmouth Coll., 1919; LL.D., Univ. Me., 1919. Phi Kappa Psi.

Pearse, Rubee Jeffery, lands. arch., 504 Equitable Bldg., Des Moines, Ia.

Ext. asst. in lands. arch., Ia. State Coll., 1915-6; ext. asst. prof., 1916-8; assoc. prof., 1918-9; mem. firm Pearse-Robinson, 1919-. Mem. Amer. Soc. Lands. Arch.; sec. Nat. Soc. Ext. Lands. Workers. In Air Serv., U. S. Army, 1 yr. (Farmstead planning). —*b.* Geneva, Ia., May 21, 1887; *s.* Thos. and Hannah P.; reared on farm. B.S., Cornell Coll., Mt. Vernon, Ia., 1911; M.L.A., Harvard Univ., 1915. Acacia; Gamma Sigma Delta.

Pearson, James Hurt, state superv. agrl educ., 204 Temple Bldg., Lincoln, Neb.

b. Keytesville, Mo., Dec. 22, 1893; *s.* Edward Smith and Rebecca Leona (Hurt) P.; reared on farm; *m.* Louisa Ruby Terrill, Nov. 18, 1922; *c.* Bruce. B.S., Univ. Mo., 1920.

Pearson, Raymond Allen, pres. Ia. State Coll., Ames, Ia.

Asst. chief Dairy Div., U. S. Dept. Agr., 1895-1902; general manag., Walker-Gordon Lab. Co., N. Y. and Philadelphia, 1902-3; prof. dairy ind., Cornell Univ., 1903-8; comnr. agr., N. Y. State, 1908-12; present position, 1912-; asst. sec., U. S. Dept. Agr., 1917-8; mem. govt. food production com. to visit Allies, Aug.-Oct., 1918. Fellow A. A. A. S. Pres. N. Y. State Agrl. Soc., 1908-11. (Agrl. coop. and educ.). —*b.* Evansville, Ind., Apr. 9, 1873; *s.* Leonard and Lucy S. (Jones) P.; *m.* Fanny Alice Dunsford; *c.* 1 daughter. B.S., Cornell Univ., 1894; M.S., 1899; LL.D., Alfred Univ., 1910; D.Agr., Univ. Neb., 1917. Sigma Xi; Phi Kappa Phi.

Peck, Arthur Lee, prof. lands. arch. and flor., Ore. Agr. Coll., Corvallis, Ore.

In lands. arch. offices, Boston and Montreal, 1904-7; Kans. State Agr. Coll., 1907-8; Ore. Agr. Coll., 1908-10; professional work, 1910-2; present position, 1913-. —*b.* Ansonia, Conn., Nov. 14, 1882; *s.* Wilbur N. and Lois L. (Norton) P.; reared in city; *m.* Sara Browning Root, 1906; *c.* Norton Lee, Nella Browning, Eliot Root. B.S., Mass. Agr. Coll., 1904; B.A., Boston Univ., 1904. Phi Kappa Phi.

Peck, Francis Winfred, dir. agrl. ext. serv., Univ. Minn., University Farm, St. Paul, Minn.

Asst. prof. farm manag., Univ. Minn., 1912-5; assoc. prof., 1918-9; farm econ., Off. Farm Manag., U. S. Dept. Agr. Sec.-treas. Amer. Farm Econ. Assoc. *Auth.*: Farm Records and Accounts, 1914. —*b.* St. Paul, Minn., May 20, 1885; *s.* U. A. and Emma (Anderson) P.; reared on farm; *m.* Hazel Dell Blanchard, Nov. 12, 1912; *c.* Elizabeth Gail, Shirley Jane. B.S.A., Univ. Minn., 1912; M.S., 1917. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Peck, Gilbert W., prof. pom. ext., Cornell Univ., Ithaca, N. Y.

b. Hopewell Hill, N. B., July 8, 1883 (naturalized 1924); *s.* Gilbert M. and Nancy N. (Turner) P.; reared on farm; *m.* Cecelia M. Francis, 1911. B.S.A., Cornell Univ., 1912; M.S.A., 1917.

Peckham, Curtiss, asst. dir. agrl. sch., Hampton, Inst., Hampton, Va.

Head. agrl. dept., Worcester high-sch., N. Y., 1912-4; instr. and head dept. market-gardening, Smith's Agrl. Sch., Northampton, 1914-8; present position, 1918-. —*b.* New Bedford, Mass., Apr. 12, 1890; *s.* Rheuben B. and

Zylpha (Delano) P.; reared on farm; *m.* Alberta Dillingham, Dec. 22, 1915; *c.* Miriam, Lois. Grad. Mass. Agr. Coll., 1912. Alpha Sigma Phi.

Peet, Nelson Rusk, general manag. W. N. Y. Fruit Growers Coop. Assoc., 175 Edgerton St., Rochester, N. Y.

Nurseryman and fruit-grower, Webster, N. Y., 6 yrs.; formerly co. agrl. agt., Lockport, N. Y. Co. rep., N. Y. State Food Supply Comn. —*b.* Rochester, N. Y., May 17, 1889; *s.* J. Clinton and Marion (Green) P.; reared in city; *m.* Gertrude M. Barry, July 10, 1912; *c.* Samuel Clinton, Barry. B.S.A., Cornell Univ., 1910. Alpha Zeta.

Peirce, Edgar Herbert, instr. agr. and biol., Alexis I. duPont Sch., Wilmington, Del.

Present position, 1923-; operator mushroom plant, Mortonville, Pa. 2d Lieut. O. R. C., U. S. Army. —*b.* Coatesville, Pa., June 9, 1901; *s.* German J. and Lena H. (Harper) P.; reared on farm. B.S., Univ. Del., 1923. Phi Kappa Tau.

Pelletier, Joseph Noel, dir. Ecole d'Agriculture, St. Anne-de-la-Pocatiere, Kamouraska, Que.

b. St. Roch des Aulnaies, Que., Dec. 24, 1880; *s.* Odilon and Helene (Lapointe) P.; reared on farm. Catholic priest.

Pellett, Frank C., field ed. American Bee Journal, Hamilton, Ill.

State apiarist, Ia., 1912-7; manag. ed. American Bee Journal, 1918-24; field ed., 1924-. Pres. Ia. Beekeepers Assoc.; vice-pres. Nat. Beekeepers Assoc.; pres. S. W. Ia. Hort. Soc.; hon. vice-pres. Apis Club, England. *Auth.*: Productive Beekeeping, 1916; Our Backdoor Neighbors, 1917; Practical Queen Rearing, 1918; Beginners Bee Book, 1919; American Honey Plants, 1920. —*b.* Atlantic, Ia., July 12, 1879; *s.* Ambrose and Ellen (Chapman) P.; reared on farm; *m.* Ada E. Neff, Apr. 8, 1902; *c.* Kent, Melvin, Fred, Ruth.

Peltier, George Leo, prof. plant path., and path. Exp. Sta., Univ. Neb., Lincoln, Neb.

Teach. sci., Wauwatosa high-sch., Wis., 1910-1; teach. fellow, Shaw Sch. Bot., Washington Univ., 1911-2; asst. flor. path., Univ. Ill., 1912-4; assoc., 1914-6; prof. plant path., Ala. Poly. Inst. and path., Exp. Sta., 1916-20; present position, 1920-. *Assoc. ed.*, Phytopathology. (Rhizoctonia, citrus-canker, stem-rust). —*b.* Merrill, Wis., May 8, 1888; *s.* Emile and Georgiana (Laramie) P.; reared in town; *m.* Florence L. Quinn, Sept. 23, 1913; *c.* Marjorie Isabelle, Leonard Francis. A.B., Univ. Wis., 1910; M.A., Washington Univ., 1912; Ph.D., Univ. Ill., 1915. Sigma Xi; Gamma Alpha; Phi Kappa Phi; Gamma Sigma Delta.

Pelton, L. Cleveland, superv. dairy and live-stock div., Wash. Dept. Agr., Olympia, Wash.

b. Cuylerville, N. Y. D.V.M., Cornell Univ., 1912. Alpha Psi.

Pendleton, Robert Larimore, prof. soil tech., Coll. Agr., Univ. Philippines, Los Banos, P. I.

Asst. soil survey, Univ. Calif., 1914-5; fellow in soil chem., 1916-7; instr. soils and geol., Allahabad Agrl. Inst., India, 1917-8; asst. and officiating dir. Agrl. Dept., Gwalior State, India, 1918-21; dir., 1921-3; present position, 1923-. Mem. Indian Bd. Agr., 1919-23; mem. Indian Cent. Cotton Com., 1921-3; del. from P. I. to Pan-Pacific Food Conservation Congress, Honolulu, 1924. —*b.* Minneapolis, Minn., June 25, 1890; *s.* J. Louis and Jessie (Larimore) P.; reared on farm; *m.* Anne Laurel Miltimore, June 10, 1917. B.S., Univ. Calif., 1914; Ph.D., 1917. Sigma Xi; Alpha Zeta.

Pendry, James Wallace, co. agrl. agt., Ravenna, O.

Asst. lab. instr., Ia. State Coll., 1917-8; agrl. agt. Tama Co., Ia., 1919-23; Portage Co., O., 1923-. In U. S. Army, 1918-9. (An. husb.). —*b.* Chicago, Ill., Dec. 21, 1892; *s.* J. H. and Fanny (Reed) P.; reared in country. B.S., Ia. State Coll., 1918.

Pennington, Mary Engle, consultant in refrigeration, 51 Chambers St., New York, N. Y.

Chief food res. lab., Bur. Chem., U. S. Dept. Agr., 1904-19; dir. chem. lab., Women's Med. Coll. of Penn.; in chg. Municipal Bact. Lab. of Philadelphia. Del. from U. S. Dept. Agr. to 1st, 2d, 3d Intern. Congress of Refrigerating Industries; laison officer between U. S. Dept. Agr. and U. S. Food Adminis., 1917-9. (Handling and transportation of perishables). —*b.* Nashville, Tenn.; *d.* Henry and Sarah Breban (Molony) P.; reared in city. Ph.D., Univ. Penn., 1895. Kappa Kappa Gamma.

Pennock, Grace Lavinia, home dem. agt., Box 165, Augusta, Me.

Teach., high-schs., Mass., 7 yrs.; business experience, 4 yrs. —*b.* Ware, Mass., Dec. 25, 1890; *d.* Benj. W. and Minnie Hyde (Smith) P.; reared on farm and in city. A.B., Boston Univ., 1912; student Univ. N. H., 1923-4.

Pennock, Henry S., planter and dairy farmer, Jupiter, Fla.

b. Lansdowne, Pa., July 19, 1877; *s.* Abraham Liddon and Anna-Maria (Cadwalader) P.; reared in town; *m.* Alice M. Boner, June 3, 1905; *c.* Shirley Freeman, Audrey, Abraham Liddon, Henry S. Jr. E.E., Drexel Inst.

Pennock, Samuel, wholesale florist, Lansdowne, Pa.

Ex.-pres. Amer. Rose Soc., Soc. Amer. Florists. Mem. Quaker Relief in Germany, 1921. —*b.* Upper Darby, Pa., Aug. 31, 1869; *s.* Abraham Liddon and Anna (Cadwallader) P.; reared in country; *m.* Alice P. Foster, June 25, 1896; *c.* Chas. F., Samuel S. Jr., Helen C., Alice C., Virginia L.

Perrin, Louis E., asst. state ext. agt., La. State Univ., Baton Rouge, La.

Truck farmer, Tex., 1886-7; La., 1887; worked in sugar house, 1888-94; sugar boiler, 1895-1900; plantation manag., La., 1901-4; cotton buyer and ginner, 1904-5; dem. farm agt., S. La., 1905-7; distr. agt., S. La., 1908-1921; present position, 1922-. Ex-Lieut., French Army, 1870-8. Traveled in French colonies, Algeria, Madagascar, 1871-8. —*b.* Burgundy, France, May 24, 1854 (naturalized 1886); *s.* Claude and Francoise P.; reared in country; *m.* Josephine V. Laurent, 1879; *c.* L. E. Jr., Lucien L., Claudine P., Alice H. Grad. Leland Agr. Sch., France.

Perrine, William Schuyler, fruit-grower, Centralia, Ill.

Pres. Ill. State Hort. Soc.; dir. Amer. Pom. Soc.; dir. Ill. Commercial Apple Growers Assoc. (Apples, peaches). —*b.* Greensburg, Ind., July 4, 1862; *s.* Geo. H. and Rosetta (Alden) P.; reared on farm; *m.* Genevieve Frazier, June 17, 1896; *c.* Alden, David, Geo., Carolyn. Student Univ. Chicago, Boston Univ., Psi Upsilon; Beta Theta Pi.

Perry, DeWitt Prather, jr. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Clear Spring, Md., Aug. 12, 1899; *s.* Jonathan and Sarah V. (Middlekauff) P.; reared in town; *m.* Beulah M. Wisherd, June 21, 1923. B.S.A., Univ. Md., 1921. Alpha Zeta.

Perry, Enos Johnson, specialist dairy husb. ext., State Univ. N. J., New Brunswick, N. J.

Formerly co. agrl. agt., Wellsboro, Pa.; ext. dairy specialist, W. Va. Univ. —*b.* Stewartstown, Pa., Apr. 24, 1892; *s.* Harry Lincoln and Emma (Johnson) P.; reared on farm. B.S.A., Penn. State Coll., 1916.

Perry, William Montgomery, hort., Agr. Exp. Sta., St. Croix, Virgin Islands.

Teaching and medical work in Africa, 18 mos.; agrl. agt. Pittsylvania Co., Va., 1913-23; originated boys agrl. club ritual, songs, and first club paper in U. S. —*b.* Wylliesburg, Va., Apr. 28, 1876; *s.* John Major & Lida (Bush) P.; reared on farm; *m.* Virginia Davis, 1902; *c.* Marjorie Lillian, Owen Major. Student Va. Poly. Inst., 1894-8.

Pershing, Clarence Henry, superv. agr., high-sch., Ligonier, Pa.

Superv. agr., Norwin Union High-Sch., Irwin, Pa., 1921-3; Ligonier, 1923-. Served in World War., 1918-9. —*b.* Latrobe, Pa., Jan. 31, 1895; *s.* Harry W. and Ida (Immel) P.; reared on farm; *m.* Olive Hazel Hays, Aug. 23, 1924. B.S., Penn. State Coll., 1921.

Pershing, Theodore, apple-grower, Pineville, Pa.

b. Johnstown, Pa., July 2, 1861; *s.* Cyrus Long and Mary Letitia (Royer) P.; reared in town; *m.* Elizabeth Helfenstein, 1890; *c.* Elizabeth Helfenstein. A.B., Princeton Univ., 1885.

Pervier, Clayton C., farmer, Sheffield, Ill.

Former mem. Ill. Centennial Comn. Mem. lower house, Ill. General Assembly, 4 terms; at present State Senator. Sent to Europe in 1912 to write up agrl. conditions for Farmers' Review. Former pres. and sec., Bureau Co. Farmers Inst. Lect. in farmers insts., 20 yrs. Agt. an. ind., U. S. Dept. Agr., for increased pork production, 1917-8. Former assoc. ed., Farmers' Review. —*b.* Mineral, Ill., Mar. 4, 1857; *s.* S. L. and Philena (Covell) P.; reared on farm; *m.* Jessie M. Curtis, Mar. 16, 1881; *c.* Raymond C., Edgar M., Mabel, Inez, Carrie May, Helen P.

Peteet, Walton, sec. Nat. Council of Farmers Coop. Marketing Assocs., 1133 Investment Bldg., Washington, D. C.

City ed., San Antonio Express, 1895-1905; ed. writer, Ft. Worth Record, 1907-12; ed. Waco News, 1912-3; specialist marketing, Tex. A. & M. Coll., 1913-8; dir. agrl. dept. Tex. Chamber of Commerce, 1918-9; dir. coop. marketing, Tex. Farm Bur. Fed., 1920-1, sec., 1921-2; dir. coop. marketing, Amer. Farm Bur. Fed., 1923; present position, 1924-. Mem. bd. directors, Tex. A. & M. Coll., 1905-13, pres., 1909-11; chm. Pink Boll Worm Comn., 1919. —*b.* Pelham, Ala., Nov. 6, 1869; *s.* Wm. Y. and Sarah N. (Young) P.; reared on farm; *m.* Carrie Cleere, Mar. 31, 1897; *c.* Geo. W., Walton Jr., Harrington.

Peter, Alfred Meredith, head dept. chem., Ky., Exp. Sta. and prof. soil tech., Univ. Ky., Lexington, Ky.

Asst. chem., Ky. Geol. Survey, 1878-86; asst. chem. and chem., Ky. Exp. Sta., 1886-; supervising chem., Ky. Geol. Survey, 1904-12; adj. prof. chem., Univ. Ky. (now Transylvania Coll.), 1878-9; adj. prof. chem. and nat. hist., A. & M. Coll. of Ky., 1880-1; acting dir., Ky. Exp. Sta., Aug.-Oct. 1912, Jan.-Feb. 1915, 1916-7. Fellow A. A. A. S., Amer. Chem. Soc., Amer. Inst. of Chemists; sec. Ky. Acad. Sci., 1916-. Ex-officio mem., State Bd. Agr., State Bd. For., State Live-Stock Sanitary Bd. of Ky., 1917. —*b.* Lexington, Ky., May 25, 1857; *s.* Robt. and Frances (Dallam) P.; reared in town and on farm; *m.* Mary Breckenridge McCauley, Sept. 27, 1887. B.S., Univ. Ky., 1880; M.S., 1885; Sc.D., 1913. Sigma Xi; Alpha Chi Sigma.

Peters, Albert George, poultryman, Newton, Ia.

Ext. poultry husb., U. S. Dept. Agr., Univ. Neb, 1917; Ia. State Coll., 1917-8; official poultry specialist for Polk, Dallas, Jasper, Henry, VanBuren, Boone and Green co. farm burs., 1918-24; pres. and general manag. Peters Certified Poultry Breeders Assoc and Peters Certified Poultry Test Farm and Hatchery, Newton, 1924-. Served in Spanish-Amer. War. —*b.* Sandusky, O., Feb. 22, 1877; *s.* Edward and Philipena (Hoffman) P.; reared on farm; *m.* Anna B. Von Blou, Apr. 20, 1898; *c.* A. Verl, Clell E. A.B., Lima Coll., 1897.

Peters, Charles Adams, prof. inorganic and soil chem., Mass. Agr. Coll., Amherst, Mass.

Prof. chem., Univ. Ida., 1901-8; exchange teach., Friedrichs Werdersche Oberrealschule, Berlin, 1909-10. *Auth.*: The Preparation of Substances Important in Agriculture; A Laboratory Manual of Synthetic Agriculture, 1918. (Analytical chem. and insecticides).— *b.* Worcester, Mass., June 29, 1875; *s.* John Lovett and Mary Frances (Eddy) P.; reared on farm; *m.* Mary Dame Kittredge, June 29, 1905; *c.* Andrew, Lovett, Chas. A. Jr., Maude. B.S., Mass. Agr. Coll., 1897; Ph.D., Yale Univ., 1901. Sigma Xi; Alpha Sigma Phi; Phi Kappa Phi.

Peters, William A., co. agrl. agt., Wadena, Minn.

Agrst., high-sch., Hector, Minn., 1917-8. —*b.* LaCrosse, Wis., Aug. 31, 1884; *s.* John and Adelheide P.; reared on farm; *m.* Tessie F. Millan, Aug. 23, 1916; *c.* Lucile Catherine, Norma Adeline, Wm. John. B.S., Univ. Minn., 1917. Alpha Zeta.

Petersen, John B., co. agrl. agt., Olathe, Kans.

Fruit-grower, Roswell, N. Mex., 1914-9; co. agrl. agt., LasCruces, N. Mex., 1920-1; Coldwater, Kans., 1922-3; Olathe, 1924-. —*b.* Morrison, Ill., Apr. 10, 1886; *s.* Henry H. and Carrie (Bickert) P.; reared in city; *m.* Jane J. Hurlbert, June 12, 1912; *c.* Florence B., John Jr. Student Ia. State Coll.

Petersen, William Earl, asst. prof. dairy husb., Univ. Minn., University Farm, St. Paul, Minn.

Dairy ext., Kans. State Agr. Coll., 1917-20; field sec. Minn. Holstein Breeders Assoc., 1920-1; present position, 1921-. —*b.* Pine City, Minn., Feb. 3, 1892; *s.* Matz and Ethel Mary (Torensen) P.; reared on farm; *m.* Alma Agnes Lindstrom, Aug. 23, 1917; *c.* Dorothy May, Wm. Earl, Allan Donald. B.S.A., Univ. Minn., 1916; M.S., 1917. Alpha Gamma Rho; Gamma Sigma Delta.

Peterson, Alvah, ent. fruit insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Assoc. prof. ent. and asst. ent. Exp. Sta., Rutgers Coll., 1916-25; present position, 1925-. —*b.* Galesburg, Ill., Sept. 13, 1888; *s.* J. A. and Ingrid (Olson) P. B.S., Knox Coll., 1911; M.A., Univ. Ill., 1913; Ph.D., 1916. Sigma Xi; Phi Beta Kappa; Gamma Alpha.

Peterson, Elmer George, pres. Utah Agr. Coll., Logan, Utah.

Asst. prof. zool. and ent., Utah Agr. Coll., 1906-8; instr. and asst. prof. bact., Cornell Univ., 1909-10; prof. bact., Ore. Agr. Coll., and bact. Exp. Sta., 1910-1; prof. bact., Utah Agr. Coll., 1911-2; dir. ext. div., 1912-6; pres., 1916-. Fellow A. A. A. S. —*b.* Plain City, Utah, Aug. 26, 1882; *s.* Augustus and Agnes (Geddes) P.; reared on farm; *m.* Phebe Nebeker, Sept. 3, 1913; *c.* 3. B.S., Utah Agr. Coll., 1904; A.M., Cornell Univ., 1909; Ph.D., 1911.

Peterson, John Truman, teach. agr., Gatewood Sta. Sch., Wadesboro, N. C.

Florist, Greensboro, N. C., 1 yr.; U. S. Dept. Agr., 1 yr. —*b.* Mt. Olive, N. C., Sept. 24, 1899; *s.* Samuel and Laura (Robert) P. (col.).; reared in town. B.S.A., 1922. Phi Beta Sigma.

Peterson, R. Maynard, asst. marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Minneapolis, Minn.

Instr. agr., high-sch., Red Wing, Minn., 2 yrs. (Marketing fruits and veg.). —*b.* Olivia, Minn., May 23, 1888; *s.* John E. W. and Eliza G. (Lindberg) P.; reared on farm; *m.* Irene Vernice Warner, Aug. 3, 1909; *c.* Elaine Winifred, Harland, Wm., Lois Adele, Warner. B.S.A., Univ. Minn., 1914.

Peterson, Verd, state dir. voc. educ. and state superv. agr., State Dept. Educ., Columbia, S. C.

Princ. public schs., W. Va., 1904-10; prof. agrl. educ., State Normal Sch., Murfreesboro, Tenn., 1911-5; agrl. ext. work, W. Va., 1916-7; chief div. agrl. educ., Clemson Agr. Coll., and state superv. agr., 1917-9; present position, 1919-. —*b.* Weston, W. Va., June 30, 1878; *s.* Lewis and Alice (Lowe) P.; reared on farm; *m.* Stella Shadow; *c.* Verdanna. A.B., W. Va. Univ., 1910. Kappa Alpha.

Peterson, William Harold, assoc. prof. agrl. chem., Univ. Wis., Madison, Wis.

Asst. chem., Columbia Univ., summer 1909-10; asst. agrl. chem., Univ. Wis., 1909-10; instr., 1910-4; asst. prof., 1914-8; assoc. prof., 1918-. (Nutr. and fermentation). —*b.* New Paltz, N. Y., Nov. 14, 1880; *s.* P. John and Clara (Saterlofve) P.; reared on farm; *m.* Mary Katherine White, Aug. 7, 1913. B.S., Wesleyan Univ., Middletown, Conn., 1907; M.A., Columbia Univ., 1909; Ph.D., Univ. Wis., 1913; studied Berlin Univ., 1914. Phi Beta Kappa; Sigma Xi; Gamma Alpha.

Pettee, Charles Holmes, dean N. H. Coll., Durham, N. H.

Instr.. Thayer Sch. Civil Engin. and N. H. Coll., 1876-7; prof. math., 1877-1916; dean, 1888-. Mem. N. H. Constitutional Convention, 1918-20. (Meteorology). —*b.* Manchester, N. H., Feb. 2, 1853; *s.* Horace and Elizabeth Fairbanks (Wilson) P.; reared in city and country; *m.* Luella E. Swett, July

24, 1877; *c.* Alvena, Horace J., Sarah E., Chas. S. A.B., Dartmouth Coll., 1874; C.E., 1876; A.M., 1877; LL.D., N.H. Coll., 1913. Kappa Kappa Kappa.

Pettet, Zellmer Roswell, agrl. statistician cotton states, Bur. Agrl. Econ., U. S. Dept. Agr., Atlanta, Ga.

Farmer, Ill., Ala., Fla., Ga.; formerly manag. crop insurance dept., Hartford Fire Insurance Co., southern div.; dir. Ga. Coop. Crop Reporting Serv.; field agt., U. S. Dept. Agr. —*b.* Cleveland, O., Nov. 16, 1880; *s.* J. and Delia (Wolke) P.; reared on farm; *m.* Nettie Harris, Nov., 1912. Ph.B., Univ. Chicago, 1902.

Pettit, Hazen C., teach. agr. and supt. schs., Liberty Center, Ia.

b. Mt. Sterling, Ia., May 5, 1898; *s.* A. L. and Jennie P. B.S., Ia. State Coll.

Pettit, Rufus Hiram, prof. ent., Mich. State Coll., and ent. Exp. Sta., E. Lansing, Mich.

Asst. state ent. of Minn., 1895-6; asst. ent., Mich. Exp. Sta., 1897-1906; instr. zool., Mich. Agr. Coll., 1897-1906; present position, 1906-. Fellow A. A. A. S. Collaborator, U. S. Bur. Ent.—*b.* Baldwinsville, N. Y., Jan 11, 1869; *s.* Rufus D. and Elvira C. (McHuron) P.; reared in village; *m.* Jessie A. Treat, May, 1895; *c.* Jessie A., Dorothy C. B.S.A., Cornell Univ., 1895. Sigma Xi; Alpha Zeta.

Pew, William Harper, farmer, Ravenna, O.

Asst. prof. agr., N. H. A. & M. Coll., 1907-9; assoc. prof. an. husb., Ia. State Coll., 1909-12; prof. and chief Exp. Sta., 1912-8; breeder Shorthorn cattle and Poland-China swine, 1918-. —*b.* Dodgeville, O., Oct. 31, 1883; *s.* John O. and Lina (Harper) P.; reared in town and on farm; *m.* Nellie F. Whitehead, June 8, 1910; *c.* Dorothy Margaret. B.S., Ia. State Coll., 1907. Delta Upsilon; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Peyton, Warren, teach. voc. agr. and supt. schs., Beaver Dam, Ky.

Teach. rural schs., 1896-1902; graded and high-schs., 1903-6; co. supt. schs., 1906-10; supt. city schs., 1911-20; dir. of certification, Ky. State Dept. Educ., 1920-4; present position, 1924-. —*b.* Grayson Co., Ky., Nov. 28, 1877; *s.* Allen and Nancy (Heady) P.; reared on farm; *m.* Biddie A. McCabe, Jan. 1, 1907; *c.* Tenneyson. Grad. Nat. Normal Univ., Lebanon, O., 1904; B.S., Hartford Coll., Ky., 1900; B.A., Peabody Coll., 1915.

Pfaender, Max, lands. arch., 211 Boyce-Greeley Block, Sioux Falls, S. D.

Nurseryman, New Ulm, Minn., 5 yrs.; formerly hort., Northern Great Plains Field Sta., Mandan, N. D.; propagator and experimentalist, and proprietor, Sunshine State Nursery, Yankton, S. D. —*b.* St. Paul, Minn., June 26, 1885; *s.* Wm. and Emily (Kiesling) P.; reared in town; *m.* Hilda Peuser, June 13, 1911 (d. 1915); 2d, Althea Drenkel, June 20, 1917; *c.* Robt., Elizabeth, Max Geo., Emily Virginia. B.S.A., Univ. Minn., 1907. Alpha Zeta.

Pharis, Donald C., teach. voc. agr., high-sch., Harrisonville, Mo.

Teach. agr., high-sch., Palmyra, Mo., 1 yr.; Harrisonville, 1921-. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Butler, Mo., July 8, 1896; *s.* Chas. F. and Minnie (Peach) P.; reared on farm; *m.* Helen Elizabeth King, Oct. 22, 1921. B.S.A., Univ. Mo., 1920.

Phelan, John, asst. to pres. and prof. educ., Mich. State Coll., E. Lansing, Mich.

Asst. econ., Univ. Mich., 1910; asst. dir., rural sch. dept., Western State Normal Sch., Kalamazoo, 1910-1; dir. rural sch. dept., State Normal Sch., Stevens Point, Wis., 1912-5; prof. rural sociol., Mass. Agr. Coll., 1915-24; dir. short-courses, 1918-24; present position, 1924-. *Auth.*: Elements of Rural Economics and Rural Sociology for Rural School Teachers, 1915. —*b.* Homer Mich., Sept. 19, 1879; *s.* John and Alice M. (Walshe) P.; reared on farm; *m.* Ida M. Densmore, Jan. 1, 1913; *c.* John Densmore. A.B., Univ. Mich., 1910; A.M., 1912.

Phelps, Ethel Lowerre, asst. prof. textiles and clothing, Univ. Minn., University Farm, St. Paul, Minn.

Teach. biol., Sherwood Select Sch., Sherwood, N. Y., 1911-2; instr. textiles and clothing, Univ. Minn., 1915-20; asst. prof., 1920-. —*b.* Newark, N. J., Oct. 19, 1888; *d.* Edward Wilbur and Katherine Elizabeth (Lowerre) P.; reared in city. B.S., Cornell Univ., 1915; M.S., Univ. Minn., 1921. Omicron Nu; Iota Sigma Pi; Pi Lambda Theta; Phi Upsilon Omicron.

Philips, Allen Griffith, prof. poultry husb., Purdue Univ., LaFayette, Ind.

Asst. poultry husb., Kans. State Agr. Coll., 1908-10; instr. poultry, Purdue Univ., 1910-2; asst. prof., 1912-4; assoc. prof., 1914-6; prof. and chief, 1916-. 1st Lieut. Field Art., U. S. Army. —*b.* Westchester, Pa., Jan. 5, 1886; *s.* Horace M. and Hanna Mary (Griffith) P.; reared in city and country; *m.* Grace H. Woodward, Apr. 1, 1911; *c.* Helen Mary, Paul Woodward, Marion Elizabeth, Everett Allen. B.S., Kans. State Agr. Coll., 1907; grad. student, Cornell Univ., 1907-8.

Phillips, Adams, assoc. prof. rural educ., Univ. Tenn., Knoxville, Tenn.

Farm manag., 1901-3; prof. sci. and agr. and superv. farms, Washington Coll., 1903-5; teach. biol., Fredonia State Normal Sch., 1905-8; princ. and teach. agr. and manag. farm, Farragut High-Sch., Concord, Tenn., 1908-19; instr. agrl. educ., Summer Sch. of S., 1912-4; agrl., agt. Knox Co., 1914-6; princ. and teach. voc. agr., Washington Coll. High-Sch., 1919-24; teach. voc. agr. and princ. Cranberry Consolidated Sch., Cranberry, N. C., 1924-5; present position, 1925-. Mem. Knox Co. Good Roads Comn., 1915-7. —*b.* Cherry Creek, N. Y., Mar. 17, 1875; *s.* Wm. I. and Lourinda Ruth (Kellogg) P.; reared on farm; *m.* Alpa Lillian Meeder, Oct. 24, 1901 (d. 1923); *c.* Irwin Elwood, Alpa Ruth. Grad. State Normal Sch., Fredonia, N. Y., 1897; B.S.A., Cornell Univ., 1901. Sigma Xi.

Phillips, Carroll Davidson, teach. voc. agr., Rio Blanco Co. High-Sch., Meeker, Colo.

Corporal U. S. Marines, 1917-9. —*b.* Topeka, Kans., May 4, 1898; *s.* Ernest and Gertrude (Gillett) P.; reared in town; *m.* Elizabeth Mitchell Dukes, Nov. 29, 1923. B.S., Colo. Agr. Coll., 1923. Sigma Chi.

Phillips, Everett Franklin, prof. apiculture, Cornell Univ., Ithaca, N. Y.

Formerly sr. apiculturist, Bur. Ent. U. S. Dept. Agr. Fellow A. A. A. S. Traveled in Hawaii and Porto Rico to study beekeeping conditions. *Auth.:* Beekeeping, 1915. —*b.* Hannibal, O., Nov. 14, 1878; *s.* Taylor F. and Belle (Hofer) P.; reared in small town; *m.* Mary Hibbs Geisler, Oct. 27, 1906; *c.* E. F. Jr., Wm. Taylor, Howard Geisler. B.A., Allegheny Coll., 1899; Ph.D., Univ. Penn., 1904. Phi Beta Kappa; Sigma Xi; Phi Eta; Phi Delta Theta.

Phillips, Frank R., dir. agr., W. Tex. Teach. Coll., Canyon, Tex.

Prof. agr., state sch., La., 2 yrs.; with U. S. Dept. Agr., 3 yrs.; head agrl. dept., Camp Custer, Mich., Reconstruction Sch. (Rural social center work). —*b.* Watertown, Tenn., 1887; *s.* J. T. and Bell (Shields) P.; reared on farm; *m.* Olga Standefer, 1923; *c.* 1 daughter. B.S., Tex. A. & M. Coll., 1914.

Phillips, Harold Deane, dir. N. Y. State Bur. Markets, 122 State St., Albany, N. Y.

Teach. physics and chem., high-sch., Manistique, Mich., 1910-2; instr. rural econ., Cornell Univ., 1914-7; asst. dir. N. Y. State Bur. Markets and Storage, 1919-20; dir., 1920-. From private to 1st Lieut., U. S. Army, 1917-8. (Marketing and coop. organization). —*b.* North East, Pa., Jan. 23, 1888; *s.* Jas. H. and Louise (Loomis) P.; reared on farm and in town; *m.* Ida Robost Henderson, Jan. 14, 1918; *c.* Louise Catherine, Margaret Henderson, Deane Henderson. A.B., Oberlin Coll., 1910; B.S A., Cornell Univ., 1914; M.A., 1923.

Phillips, John Lloyd, fruit-grower, farmer and consulting orchard expert, Linden, Va.

Asst. state ent., Va., 1900-3; state ent., 1903-10. Fellow A. A. A. S. —*b.* Accomac Co., Va., Dec. 30, 1875; *s.*

W. J. and Maggie A. (Savage) P.; reared on farm; *m.* Marie A. Ernst, Sept. 16, 1905; *s.* J. L. Jr., Agnes E., Geo. E., W. J., Margaret E. B.S., Va. Poly. Inst., 1897; M.S., 1900.

Phillips, Juda Anna: see Duncan, Ann Phillips.

Phillips, Max M., co. agrl. agt., Norwalk, O.

b. Medina, O., May 3, 1891; reared on farm. B.S.A., Ohio State Univ., 1916. Alpha Zeta.

Phillips, Thomas Guthrie, prof. agrl. chem. and chem. Exp. Sta., Univ. N. H., Durham, N. H.

Instr. agrl. chem., Ohio State Univ., 1912-5; asst. prof., 1915-23; prof., 1923-5. *Auth.:* Fundamentals of Organic and Biological Chemistry, 1923. —*b.* W. Derby, Vt., Nov. 18, 1887; *s.* Jeremiah and Altie F. (Wright) P.; reared on farm and in town; *m.* Genevieve Kirkbride, Dec. 26, 1921. B.S.A. Ohio State Univ., 1912; M.Sc., 1913; Ph.D., Univ. Chicago, 1918. Sigma Xi; Phi Lambda Upsilon; Alpha Zeta; Gamma Alpha.

Phillips, William Jeter, assoc. ent., Bur. Ent., U. S. Dept. Agr., Charlottesville, Va.

Asst. state ent. and plant path., Va., 1903-4; present position, 1904-. Pres. Old Dominion Orchards Co., Inc., 1911-4, vice-pres., 1920-. —*b.* Nandua, Va., Dec. 23, 1879; *s.* Wm. Jesse and Margaret Anne (Savage) P.; reared on farm; *m.* Hazel M. Lough, Apr. 28, 1909. B.S., Va. Poly. Inst., 1901; M.S., 1903; grad. student, Univ. Ill., 1909, Univ. Va., 1924-5.

Phillips, William Lyman, lands. arch., 99 Warren St., Brookline, Mass.

Lands. arch., Panama Canal and planner of city of Balboa; with Olmsted Bros., Brookline. (Town planning). —*b.* Somerville, Mass., June 11, 1885; *s.* Franklin F. and Julia A. (Lyman) P.; reared in town; *m.* Simone Guillot, 1923. A.B., Harvard Coll., 1908; M.L.A., Harvard Univ., 1910.

Philp, Guy Lockhart, asst. prof. pom., Univ. Calif., Davis, Calif.

Instr. pom., Univ. Calif., 1917-23; asst. prof., 1923-. (Pollination studies with deciduous fruits). —*b.* Federal, Pa., June 7, 1890; *s.* Geo. and Alice (Kennedy) P.; reared on farm; *m.* Mabel Bailey, Dec. 28, 1918; *c.* Allan Bailey. B.S., Cornell Univ., 1914; M.S., Ore. Agr. Coll., 1916.

Pickens, Earl Max, prof. bact. and path., Univ. Md., College Park, Md.

From asst. to prof. diagnosis, N. Y. State Vet. Coll., Cornell Univ., 1911-8; present position, 1918-; in chg. State Live-Stock Sanitary, Biol. and Jas. Todd Laboratories, 1918-. —*b.* Parish, N. Y., Jan. 29, 1888; *s.* Hosea and Anne (MacCallum) P.; reared on farm; *m.* Florence Winifred Speed, July 16, 1913; *c.* Jas., Helen, Winifred. D.V.M., Cornell Univ., 1911; A.M., 1913. Sigma Xi; Omega Tau Sigma; Gamma Alpha.

Pickett, Bethel Stewart, prof. and head of hort., Ia. State Coll., Ames, Ia.

Sec. Ont. Agr. Coll., 1902-5; instr. pom., Univ. Ill., 1906-8; prof. hort., Univ. N. H., 1908-12; prof. pom., Univ. Ill., 1912-23; present position, 1923-. Sec. N. H. Fruit Growers Assoc., 1910-2; organizer and sec. N. H. Potato Growers Assoc., 1911; vice-pres. New England Fruit Show, for N. H., 1911-2; chm. com. on under-graduate courses, Amer. Soc. for Hort. Sci., 1917; supt. exhibits, Ill. Apple Show, 1918. —*b.* Tillsonburg, Ont., June 4, 1882 (naturalized 1905); reared in country; *m.* Bertha Gay Beamer, Dec. 11, 1907; *c.* Barzillai Stewart, Llewellyn Elmer, Arthur David, Ellen Gay. B.S.A., Toronto Univ., 1904; M.S., Univ. Ill., 1906. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Pickett, Jesse W., farmer and corn breeder, Caledonia, Mich.

Vice-pres. Kent Co. Farm Bur.; pres. Caledonia Coop. Creamery Co., 1914, sec., 1915-6; pres. Caledonia Farmers Coop. Elevator Co., 1918-25; pres. Farmers Rural Telephone Co.; Kent Co. drain comnr., 1911-3; sec. Mich. State Drain Comnrs., 1911-2. —*b.* Kent Co., Mich., Mar. 6, 1869; *s.* Wm. B. and Susannah (Wismer) P.; reared on farm; *m.* Lillian Barnes, Aug. 8, 1893; *c.* Nora E., Earl B., Ward Russell.

Pickett, William Francis, asst. prof. hort., Kans. State Agr. Coll., Manhattan, Kans.

Asst. prof. hort., Tex. A. & M. Jr. Coll., 1917-8; asst. hort., Kans. State Agr. Coll., 1918-9; instr., 1919-20; asst. prof., 1920-. (Pom.). —*b.* Kansas City, Mo., Nov. 25, 1894; *s.* Clarkson C. and Evalena (Jenkins) P.; reared in town and on farm; *m.* Alva Lee Cooper, July 31, 1918; *c.* Robt. Cooper. B.S., Kans. State Agr. Coll., 1917; M.S., 1923. Kappa Sigma; Gamma Sigma Delta.

Pickford, Arthur Harold, co. agrl. agt., Nevada, Ia.

Teach. Dunn Co. Sch. Agr., Wis., 1915-7; agrl. agt. Louisa Co., Ia., 1917-20; farmer, 1920-1; agrl. agt. Story Co., 1922-. —*b.* Nora Springs, Ia., Apr. 13, 1891; *s.* Arthur and Theo H. (Sears) P.; reared on farm; *m.* Hermine Knapp, June 1918; *c.* Arthur. B.S., Ia. State Coll., 1915. Chi Phi.

Pieper, John Jacob, asst. prof. crop production, Univ. Ill., Urbana, Ill.

b. Granite City, Ill., Jan. 24, 1886; *s.* John and Mary Bell (Rief) P.; reared on farm; *m.* Nelle Grooms Dawson, Aug. 19, 1918; *c.* Jacqueline Marie. B.S., Univ. Ill., 1916; M.S., 1917. Sigma Xi; Gamma Sigma Delta; Alpha Zeta; Theta Chi.

Pierce, Dante Melville, pub. Iowa Homestead and Wisconsin Farmer, 1912 Grand Ave., Des Moines, Ia.

b. Bedford. Ia., Aug. 29, 1880; *s.* Jas. Melville and Kate L. (Southard) P.; *m.* Florence E. Prather, Dec. 12, 1906.

Pierce, Harold Barnard, asst. prof. food and dairy chem., Penn. State Coll., State College, Pa.

Asst. chem., Mass. Agr. Exp. Sta., 1918-9; present position, 1919-. 2d Lieut. Inf., U. S. Army, 1917-8. Mem. Penn. Acad. Sci. —*b.* Kansas City, Mo., Oct. 15, 1894; *s.* Sibley A. and Harriet (Barnard) P.; reared in city; *m.* Mary Saline Prindle, Sept. 22, 1917. B.S., Mass. Agr. Coll., 1917; M.S., Penn. State Coll., 1921. Alpha Gamma Rho.

Pierce, Howard Castner, produce dir., Farmers Union of Ky., 8 Richmond Ave., Lexington, Ky.

Asst. Hawaii govt. survey and U. S. Weather Bur., Honolulu, 1901-2; asst. poultry husb., Cornell Univ., 1906-7; asst. prof. in chg. poultry, Ia. State Coll., 1907-9; invest. poultry and egg-handling, U. S. Bur. Chem., 1910-9; vice-pres. and supt. Harrodsburg Ice and Produce Co., Ky., 1919-21; supt. Waive-Spillers Corp., Nashville, Tenn., 1921-2; manag. dir. Farmers Union creamery and poultry assoc., 1922-; consulting specialist, U. S. Dept. Agr., 1924-. Sec. Amer. Assoc. of Instrs. and Invests. in Poultry Husb., 1907-9; del. to 2d World's Poultry Congress, Barcelona, Spain, 1924; del. to Congress of Refrigeration, London, 1924. —*b.* Worcester, Mass., Oct. 5, 1882; *s.* Jas. Austin and Caroline A. (Castner) P.; reared on farm; *m.* Leila Earle Hambury, Oct. 23, 1915; *c.* Cynthia Hambury, Elizabeth Anne. B.S.A., Cornell Univ., 1907. Phi Kappa Phi; Gamma Sigma Delta.

Pierce, Walter James, dir. voc. agr., Princeton Joint Union High-Sch., Princeton, Calif.

With Mo. State Expl. Farm, 1911; field manag. Q. & Q. Produce Co., Mt. Vernon, Wash., 1919-20; dir. voc. educ., high-sch., Redmond, Ore., 1923-4; present position, 1924-. Served in World War. —*b.* Mt. Hope, Mo., July 27, 1892; *s.* Jas. Franklin and Anna Eliza (Burns) P.; reared on farm; *m.* Clara Alide Cole, June 8, 1923; *c.* Jean Elizabeth. B.S., Ore. Agr. Coll., 1923. Alpha Kappa Psi.

Pieters, Adrian John, agron. in chg. clover invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. for. bot., Univ. Mich., 1912-5. —*b.* Alto, Wis., Nov. 18, 1866; *s.* Roelof and Hendrika (Van Zwaluwenburg) P.; reared in village; *m.* Hattie M. Bailey, June, 1896. B.S. in Biol., Univ. Mich., 1894; Ph.D., 1915.

Pilchard, Edwin Ivan, specialist jr. club work, Univ. Ill., Urbana, Ill.

Farmer, E. Lynn, Ill., 1917-23. Sec. Vermillion Co. Farm Bur., 1920-2. In

Mex. Border serv., 1916. —*b.* Farmer City, Ill., Oct. 3, 1891; *s.* Merchant H. and Sarah M. (Sparr) P.; reared on farm; *m.* Rose Anne Little, June 28, 1917; *c.* Helen Virginia, Robt. Merwin, Betty Jane. B.S., Univ. Ill., 1917. Alpha Zeta.

Pillsbury, Joshua Plummer, prof. hort., N. C. State Coll. and Exp. Sta., W. Raleigh, N. C.

Head gardener, Penn. State Coll., 1895-8; asst. hort., 1898-1910; asst. prof., 1910-1; present position, 1911-. —*b.* Buena Vista, O., Dec. 7, 1873; *s.* J. P. and Harriet M. (Ross) P.; reared in country; *m.* Charlotte Dunford, Oct.17, 1895 (d. Jan., 1916); 2d, Mrs. Gertrude Brown, June 4, 1918 (d. Nov., 1918); *c.* Ross Dunford, Dorothy May. B.S., Penn. State Coll., 1910. Alpha Zeta; Phi Kappa Phi.

Pinchot, Gifford, for., Milford, Pike Co., Pa.

Mem. Nat. For. Comn., 1896; for. and chief U. S. For. Serv., U. S. Dept. Agr., 1898-1910; chem. Nat. Conservation Comn., 1908-9; mem. Roosevelt Country Life Comn., 1908-9; pres. Nat. Conservation Assoc., 1910-; prof. for., Yale Univ., 1903-; Comnr. of For., Pa., 1920-2; Governor of Pennsylvania, 1923-. Fellow A. A. A. S. *Auth.*: (with Graves) The White Pine, 1896; The Adirondack Spruce, 1898; The Fight for Conservation, 1909; (with C. O. Gill) The Country Church, 1913. —*b.* Simsbury, Conn., Aug. 11, 1865; *s.* Jas. W. and Mary (Eno) P. A.B., Yale Univ., 1889; A.M., 1901, Princeton Univ., 1904; Sc.D., Mich. Agr. Coll., 1907; LL.D., McGill Univ., 1909.

Piper, Charles Vancouver, agrostologist, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Prof. bot. and zool., Wash. State Coll., 1892-1903; agrostologist in chg. forage crop invests., U. S. Dept. Agr., 1903-. Pres. Amer. Soc. Agron., 1903-4; pres. Washington Bot. Soc., 1907-8. Traveled in Japan, China, India, Java, Egypt, Philippines, Europe, Alaska. *Auth.*: Flora of Washington, 1906; Flora of Palouse Region, 1901; Flora of Southeast Washington, 1914; Flora of Northwest Coast, 1915; Forage Plants and Their Culture, 1915, revised 1925; Turf for Golf Courses, 1917; The Soybean, 1923. Consulting agrl. ed., McGraw-Hill Book Co. —*b.* Victoria, B.C., June 16, 1867; *s.* Andrew Wm. and Minna (Hausman) P.; *m.* Laura Maude Hungate, Sept. 15, 1897. B.S., Univ. Wash., 1885; M.S., 1892; M.S., Harvard Univ., 1900; D.Sc., Kans. State Agr. Coll., 1921. Phi Beta Kappa; Sigma Xi.

Pipes, David W. Jr., sugar-cane planter and manufacturer, Houma, La.

Vice-pres. Amer. Sugar Cane League. —*b.* Clinton, La., Aug. 6, 1886; *s.* D. W. and Anna Key (Fort) P.; reared on farm and in town; *m.* Mary Minor, Nov. 2, 1910; *c.* Anna, Minor, John, Katharine, Mary. B.A., Washington & Lee Univ., 1906; LL.B., Tulane Univ., 1910. Kappa Alpha; Delta Phi Delta.

Pirtle, John Peterman, instr. voc. agr., Taylor Co. High-Sch., Campbellsville, Ky.

Princ. high-sch., Hodgenville, Ky., 1919-20; agrl. lect. Villa Madonna Acad., summer 1923; field work on cost of tobacco production, Univ. Ky., 1923. Private U. S. Army, World War. (Agrl. econ.). —*b.* Hodgenville, Ky., Dec. 6, 1897; *s.* John C. and Mary C. (McFarland) P.; reared on farm; *m.* Alma Lucille Burrus, June 1924. B.S., Univ. Ky., 1923.

Pirtle, Thomas Ross, asst. marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Work on foreign and domestic dairy statistics, U. S. Dept. Agr., 1906-. *Assoc. ed.,* Journal of Dairy Science. —*b.* Pleasantville, Ind., July 4, 1870; *s.* Wm. Henry and Monima B. (Hinton) P.; reared on farm; *m.* Margaret B. Peters. Oct. 16, 1902; *c.* John Henry, Ross Warren.

Pitkin, Royce Stanley, teach. agr. and princ. Lamoille Cent. Acad., Hyde Park, Vt.

Submaster, high-sch., Plymouth, N. H., 1923-4; present position, 1924-. Farm manag., 1923-. —*b.* Marshfield,

Vt., June 7, 1901; *s.* Ozias C. and Olive J. (Severance) P.; reared on farm; *m.* Helen K. McKelvey, Aug. 16, 1924. B.S.A., Univ. Vt., 1923. Alpha Zeta; Zeta Chi.

Pitman, George W., assoc. meteorologist, U. S. Weather Bur., Cheyenne, Wyo.

Princ. schs., Piasa, Ill., 2 yrs. (Relation of weather to growth of crops). —*b.* Chesterfield, Ill., Nov. 14, 1877; *s.* Wm. and Jane (Willshire) P.; reared on farm; *m.* Freda R. Lyles, Mar. 1907; *c.* Raymond W. B.Ped., Greer Coll., 1901.

Pittman, Don Warren, assoc. prof. agron., Utah Agr. Coll., Logan, Utah.

Present position, 1916-. Fellow A. A. A. S., Utah Acad. Sci. (Soils). —*b.* Bloomfield, Ia., Feb. 10, 1891; *s.* Russel W. and Lena (Brewster) P.; reared on farm; *m.* Blanche Condit, 1919. B.S., Ia. State Coll., 1914; M.S., Utah Agr. Coll., 1916. Gamma Sigma Delta; Phi Kappa Phi.

Pittman, Marvin Summers, dir. rural educ., Mich. State Normal Coll., Ypsilanti, Mich.

Former pres. La. State Teach. Assoc. *Auth.:* Value of School Supervision, 1921; Successful Teaching in Rural Schools, 1922; The Problems of the Rural Teacher, 1924. —*b.* Embury, Miss., Apr. 12, 1882; *s.* John W. and Ellen (Bradford) P.; reared on farm; *m.* Anna Terrell, 1915; *c.* Katherine Ellen, Marvin Summers. A.B., Millsaps Coll., 1905; A.M., Univ. Ore., 1918; Ph.D., Columbia Univ. Kappa Alpha; Phi Delta Kappa.

Plank, Harold Kauffman, assoc. ent. fruit insect. invests., U. S. Dept. Agr., Box 5171, Sta. B., New Orleans, La.

Ent., La Asociación de Agricultores del Ecuador, Guayaquil, Ecuador, 1920-1; chief Dept. Agr., The Trop. Oil Co., Barrabca Bermeja, Colombia, 1921-2; jr. plant introducer, Off. Foreign Seed and Plant Introduction, U. S. Dept. Agr., and private ent. work, 1922-3; present position, 1923-. Vice-pres. La. Ent. Soc., 1924. —*b.* Morgantown, Pa., May 4, 1891; *s.* D. Heber and Ida E. (Bertolet) P.; reared on farm; *m.* Flora Ann Friese, June 21, 1919; *c.* Harold Friese, David Heber. B.S., Penn. State Coll., 1914. Alpha Zeta; Phi Kappa Phi.

Plato, John Byron, farmer, Ithaca, N. Y.

Breeder Guernsey cattle and White Leghorn poultry, Colo., 9 yrs. Vice-pres. and general manag., Amer. Rural Index Corp., 1919-. Inventor of clock system of numbering farm-houses. Served in Spanish-Amer. War in Philippines, 1898-9. —*b.* Chicago, Ill., Dec. 17, 1876; *s.* John B. and Helen (Larrabee) P.; reared in town. Student Cornell Univ., 1895-6.

Platt, Philo T., farmer, comnr. of agr., Conn. Dept. Agr., Newtown, Conn.

Served in Conn. Senate, 2 terms; House of Rep. 1 term. Pres. Newtown For. Assoc.; vice-pres. State Bd. Agr. —*b.* Newtown, Conn., 1880; *s.* T. E. and Mary C. (Russell) P.; reared on farm; *m.* Elsie M. Sanford, 1902; *c.* Raymond J. Grad. Union Business Coll.

Plumb, Charles Sumner, prof. an. husb., Ohio State Univ., Columbus, O.

Asst. ed. Rural New-Yorker, 1883-4; first asst., N. Y. Agr. Exp. Sta., Geneva, 1884-7; prof. agr., Univ. Tenn. and asst. dir. Exp. Sta., 1887-90; vice-dir. Ind. Exp. Sta., 1890-1; dir., 1891-1902; prof. agrl. sci., Purdue Univ., 1890-3; prof. an. husb. and dairying, 1893-1902; present position, 1902-. Sec.-treas. Amer. Kerry and Dexter Cattle Club. Traveled in Europe. *Auth.:* Biographical Directory of American Agricultural Scientists, 1889; Indian Corn Culture, 1895; Little Sketches Famous Beef Cattle, 1904; Types and Breeds of Farm Animals, 1906, rev. 1920; A Partial Index to Animal Husbandry Literature, 1911; Beginnings in Animal Husbandry, 1914; Judging Farm Animals, 1916; A Study of Farm Animals, 1922; contr. to Book of Rural Life. *Ed.* and pub., Agricultural Science, 1887-91. —*b.* Westfield, Mass., Apr. 21, 1860; *s.* David H. and Helen M. (Wallace) P.; reared in town; *m.* Helen P. Gladwin, Oct. 14, 1886; *c.* Helen G., Winthrop G. B.Sc., Mass. Agr. Coll., 1882. Sigma Xi; Alpha Zeta; Acacia.

Plummer, Hattie F., home dem. agt., Middleburg, N. C.

Teach. Granville Co., N. C., 3 yrs.; Vance Co., 12 yrs. —*b.* Granville Co., N. C., Oct. 19, 1871; *d.* Joseph Benjamin and Emma Jane (Hunt) Parham; reared on farm; *m.* T. V. Rowland, Nov. 17, 1892; 2d, Jas. K. Plummer, June 30, 1909; *c.* J. T., Jane H., Harry T. Rowland. Grad. Greensboro Coll. for Women, 1889.

Plummer, James Kemp, chem., S. Agrl. Chem. Corp., E. Point, Ga.

Asst. chem., N. C. Exp. Sta., 1908-9; asst. chem., Cornell Univ., 1910-1; soil chem., N. C. Exp. Sta., 1911-8; state chem., N. C., 1918-20; present position, 1920-. —*b.* Middlebury, N. C., Sept. 20, 1886; *s.* Jas. K. and Mary B. (Henderson) P.; reared on farm; *m.* Lucy Haywood, June 12, 1912; *c.* Emily Haywood. B.S., N. C. State Coll., 1907; M.S., 1909; M.A., Cornell Univ., 1911; Ph.D., 1915. Sigma Xi.

Poe, Clarence, ed. Progressive Farmer and pres. Progressive Farmer Co., Raleigh, N. C.

Mem. State Bd. Agr.; chm. exec. com., N. C. State Coll.; dir. Tobacco Growers Coop. Assoc.; formerly pres. N. C. Farmers State Conv. Author resolution establishing (1913) first marketing division in any agrl. dept. in Amer. Studied rural and econ. problems in Asia, 1910-1; Europe, 1912. *Auth.*: A Southerner in Europe, 1908; Where Half the World is Waking Up, 1911; Life and Speeches of Charles B. Aycock, 1912; How Farmers Co-operate and Double Profits, 1915; also pamphlets on rural sociol. and econ. —*b.* Chatham Co., N. C., Jan. 10, 1881; *s.* Wm. B. and Susan (Dismukes) P.; reared on farm; *m.* Alice Aycock, 1912; *c.* Chas. Aycock, Wm. D., Jean Shepperd. Lit.D., Wake Forest Coll., 1914.

Pollard, Ray Ford, co. agrl. agt., Cobleskill, N. Y.

Instr. farm manag., Cornell Univ., winter 1915-6; agrl. agt., Schoharie Co., 1916-. —*b.* Nanticoke, N. Y., Jan. 8, 1887; *s.* B. M. and Theda E. (Ford) P.; reared on farm. B.S., Cornell Univ., 1915.

Polley, Earl A., supt. Racine Co. Agrl. Sch., Rochester, Wis.

Instr. an. husb., Racine Co. Agrl. Sch., 1913-4; princ., 1914-6; supt., 1917-; emergency dem. agt., U. S. Dept. Agr., 1917-9. Sec. Racine Co. Fair, 1923-; sec. Racine Co. Agrl. Soc. —*b.* Lodi, Wis., Feb. 17, 1890; *s.* H. E. and Clara D. (Cole) P.; reared on farm; *m.* Ethel L. Graham, July 3, 1915; *c.* Robt. G., Wm. Earl. B.S.A., Univ. Wis., 1913.

Pomeroy, Carl Stone, pom. fruit improvement invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Vt. Exp. Sta., 1906-7; asst. hort., Mass. Exp. Sta., 1907-8; sci. asst. and asst. pom. fruit transportation and storage invests., Bur. Plant Ind., 1908-13; present position, 1913-8, 1920-; invest. marketing fruits and veg., Bur. Markets, 1918-20. —*b.* Franklin, Vt., May 31, 1882; *s.* John W. and Julia C. (Stone) P.; *m.* Elsie Elizabeth Lower, Nov. 15, 1911; *c.* Florence Elizabeth, Catherine Jane. Ph.B., Univ. Vt., 1904; B.S., 1906. Delta Sigma.

Pond, George Augustus, assoc. prof. farm manag., Univ. Minn. University Farm, St. Paul, Minn.

Asst. prof. farm manag., Univ. Minn., 1919-24; assoc. prof., 1924-; agt. in chg. coop. cost production studies, Bur. Agrl. Econ., U. S. Dept. Agr., 1920-. 2d Lieut., Q.M.C., U. S. Army, 1918-9; garden officer in chg. U. S. Army Bulk Production Farm, Coetquidan, France. —*b.* Shakopee, Minn., Aug. 10, 1889; *s.* E. Judson and Minnie (Markus) P.; reared on farm; *m.* Martha Barnett Crow, June 11, 1921; *c.* Judson Samuel. B.S., Univ. Minn., 1918; M.S., 1921. Alpha Zeta; Gamma Sigma Delta.

Pontius, Byron Ernest, asst. prof. an. husb., Purdue Univ., LaFayette, Ind.

Head dept. an. husb., N. Y. State Sch. Agr., Alfred, 1914-7; asst. prof. an. husb., Mass. Agr. Coll., 1917-9; acting head dept., 1919; present position, 1919-. (Genetics, an. breeding). —*b.* Liberty Center, O., Feb. 10, 1888; *s.* Israel and Ella E. (Frankforther) P.; reared on farm; *m.* Carrie Eliza-

beth Clifton, Aug. 16, 1916. B.Sc., Ohio State Univ., 1914; M.S., Univ. Wis., 1924.

Ponton, Joseph Noe, dir. Le Bulletin des Agriculteurs, 3 Notre Dame St. E., Montreal, Que.

Distr. rep., Ont. Dept. Agr., summers, 1913-5; farm manag., 1917-; prof. physics and agrl. engin., Oka Agrl. Inst., 1915-9; present position, 1920-. Rep. Que., E. Canada Live-Stock Union. —*b.* Marie Ville, Que., Dec. 8, 1885; *s.* Noe and Emelie (Dandurand) P.; reared on farm. B.A., Laval Univ., Montreal, 1912; B.S.A., Ont. Agr. Coll., 1915.

Poole, Robert Franklin, assoc. plant path., N. J. Agr. Exp. Sta., New Brunswick, N. J.

Present position, 1921-. Photographer Air Service, 1917-9. (Sweetpotato and tomato disease). —*b.* Graycourt, S. C., Dec. 2, 1893; *s.* Ula Barto and Lila (Yeargin) P.; reared on farm; *m.* Sarah Margaret Bradley, Feb. 28, 1922; *c.* Robt. F. Jr., Thos. B. B.S., Clemson Agr. Coll., 1916; M.S., Ph.D., Rutgers Coll., 1921. Sigma Xi.

Poos, Frederick William Jr., asst. ent., U. S. Dept. Agr., Box 283, Sandusky, O.

Asst. nursery insp., Fla. State Plant Bd., 1916-7; asst. ent. in cereal and forage insect invests., U. S. Dept. Agr., 1917-. —*b.* Potter, Kans., Nov. 12, 1891; *s.* Fred W. and Dena (Steinhage) P.; reared on farm; *m.* Edna M. Ireland, Dec. 21, 1919; *c.* Fred W., Geo. Ireland. A.B., Univ. Kans., 1915; A.M., 1916. Sigma Xi.

Pope, Merritt Nichol, assoc. agron. in barley invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. nat. sci. and agr., secondary schs., 9 yrs.; State Normal, Eau Claire, Wis., 1916-8; present position, 1918-. —*b.* Odell, Ill., May 2, 1883; *s.* Chester Andrew and Mariamne (Nichol) P.; reared on farm; *m.* Mary Pearl Brooks, July 13, 1907; *c.* Loren Brooks, Seth Alison, Sarah Frances, Merritt Nichol, Thomas. B.S., Northwestern Univ., 1905; B.S.A., N. D. Agr. Coll., 1913; A.M., Harvard Univ., 1911. Delta Tau Delta; Alpha Zeta; Phi Kappa Phi.

Popenoe, Charles Holcomb, ent. in chg. Bur. Ent. Field Sta., U. S. Dept. Agr., Silver Spring, Md.

Farmer, 1905-7; special field agt., Bur. Ent., 1907-10; ent. asst., 1910-7; asst. ent., 1917-9; present title, 1919-. —*b.* Manhattan, Kans., June 7, 1884; *s.* Edwin A. and Carrie (Holcomb) P.; reared on farm. B.S., Kans. State Agr. Coll., 1905.

Popenoe, Fred Oliver, hort. and pres. W. India Gardens, Altadena, Calif.

In real estate firm, T. E. Bowman & Co., Topeka, Kans., 7 yrs.; pres. Accounting Trust Co., Topeka, 5 yrs.; pres. Topeka Investment and Loan Co., 3 yrs. Dir. Calif. Avocado Assoc., 3 yrs. Traveled in W. Indies, S. Amer., Cent. Amer., Europe. (Subtropical hort.). —*b.* Towanda, Ill., Apr. 1, 1863; *s.* Willis Parkinson and Marinda (Holcomb) P.; reared on farm; *m.* Marion Bowman, Dec. 16, 1889; *c.* Paul. Wilson, Herbert. Student Washburn Coll., Topeka, 1 yr.; Kans. State Agr. Coll., 1 yr.

Popenoe, Paul, date-grower, Coachella, Calif.

City ed. Pasadena Star, 1908-11: agrl. explorer, 1911-3; ed. Journal of Heredity, 1913-8; exec. sec. Amer. Social Hygiene Assoc., 1919-20. Capt. Sanitary Corps, U. S. Army; dir. sect. on vice and liquor control, War Dept. Traveled in India, Arabia, Africa, Costa Rica. *Auth.*: Date Growing in the New and Old Worlds, 1913; (with R. H. Johnson) Applied Eugenics, 1918; Modern Marriage, 1925; The Date Palm, 1925. —*b.* Topeka, Kans., Oct. 16, 1888; *s.* F. O. and Marion A. (Bowman) P.; reared in country; *m.* Betty Lee Stankovitch, 1920. Student Leland Stanford Univ.

Popenoe, Wilson, trop. plant res., United Fruit Co., Tela, Honduras.

Bot. and agrl. explorer, Bur. Plant Ind., U. S. Dept. Agr., to 1925; explorations in India, Turkey, Algeria, 1912-3; Brazil, 1914-5; Guatemala, 1915-7; Mexico, 1918; Guatemala, Costa Rica, Colombia, Ecuador, Peru and Chile, 1919-21. *Auth.*: Manual of Tropical and Subtropical Fruits, 1920. —*b.* To-

peka, Kans., Mar. 9, 1892; *s.* F. O. and Marion A. (Bowman) P.; reared in country; *m.* Dorothy Hughes, 1923; *c.* Peter. Student Pomona Coll.

Porte, William Solomon, jr. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Res. asst. bot., Rutgers Coll., 1915-6; teach. sci., high-sch., Somerville, N. J., 1916-8; present position, 1918-. (Plant-breeding with reference to disease resistance). —*b.* Sergeantsville, N. J., Feb. 4, 1891; *s.* John W. and Clara I. (Fowler) P.; reared on farm; *m.* Meredith E. Lyon, Aug. 30, 1916; *c.* Wm. Lyon, Esther Meredith, Roberta Frances. B.Sc., Rutgers Coll., 1915. Phi Beta Kappa.

Porter, Alton Millett, teach. voc. agr., high-sch., Monroe, Mich.

Asst. manag. Hillcrest fruit farm, Honor, Mich., 1915-6; princ. Brown City high-sch., 1917-8; teach. agr., high-sch., Fremont, 1918-20; supt. Hunter Land Co., Hunter, Wash., 1920-3; present position, 1923-. Sec. agrl. sect. distr. no. 1 of Mich. State Teach. Assoc. (Hort.). —*b.* S. Paris, Me., Sept. 24, 1894; *s.* Hiram Newell and Hattie Elizabeth (Bennett) P.; reared on farm; *m.* Ova Beryl Plinisey, June 10, 1917 (d. 1922); *c.* Richard Plinisey, Elizabeth Estella. B.S., Mich. Agr. Coll., 1917.

Porter, Bennet Allen, assoc. ent., U. S. Dept. Agr., 10 W. Sycamore St., Vincennes, Ind.

(Insects affecting deciduous fruits). —*b.* Northampton, Mass., July 12, 1892; *s.* R. Lynn and Harriet (Allen) P.; reared in country; *m.* Beatrice Josephine Hibbard, Aug. 22, 1916; *c.* Florence Annie. B.Sc., Mass. Agr. Coll., 1914; Ph.D., 1921. Beta Kappa Phi; Phi Kappa Phi.

Porter, Carl C., co. agrl. agt., Bartlesville, Okla.

b. Marionville, Mo., Aug. 16, 1891; *s.* Arthur C. and Lulu D. (Woodford) P.; *m.* Pearl M. Kell, May 11, 1918. B.S.A., Univ. Mo., 1915.

Porter, Charles Lyman, asst. prof. plant path., Purdue Univ., LaFayette, Ind.

Instr. biol., Parsons Coll., 1914-6; prof. biol., Fairmount Coll., 1916-9; asst. bot., Univ. Ill., 1919-22; path., Ill. Plant Disease Survey, 1922-3; instr. biol., Ill. State Normal Univ., summer 1923; present position, 1923-. Served in U. S. Army, 1918. —*b.* Mackinaw, Ill., Feb. 22, 1889; *s.* Norman Lyman and Mary Day (Search) P.; reared in village; *m.* Mary Allen Stouffer, June 14, 1913; *c.* John Norman, Palmer Allen. B.S., Ill. Wesleyan, 1911; A.B., Univ. Ill., 1913; A.M., 1921; Ph.D., 1923. Sigma Xi.

Porter, Donald Rockwell, ext. plant path., Kans. State Agr. Coll., Manhattan, Kans.

b. Norden, Neb., Dec. 24, 1900; *s.* Louis Crawford and Kate Evelyn (Myrick) P.; reared on farm. B.S., Ia. State Coll., 1923; M.S., 1925. Alpha Sigma Phi.

Porter, Eugene Hoffman, farmer, Upper Lisle, N. Y.

Prof. chem., N. Y. Homeopathic Med. Coll.; lect. sanitary sci., Cornell Univ. N. Y. State Comnr. of Health, 1905-14; comnr. Div. Foods and Markets, Dept. Farms and Markets, Albany, N. Y., 1917-23. Dir. Dairymens League, 1917-8; pres. Broome Co. Dairymens League, 1917-9; pres. Nat. Assoc. Marketing Officials, 1920-1. Owner dairy farms, Upper Lisle, N. Y. *Ed.*, North American Journal of Homeopathy, 25 yrs. —*b.* Ghent, N. Y.; *s.* Curtis H. and Julia (Hoffman) P.; reared on farm; *m.* Alice A. Day, June 12, 1889; *c.* Geo. C. M.D., N. Y. Homeopathic Coll.; A.M., Rutgers Coll., 1889; Dr. P. H., Syracuse Univ., 1912.

Porter, Murray C., sec. N. Y. State Coop. Poultry Certification Assoc., Inc., Adams, N. Y.

Former Master Grange; former pres. Jefferson Co. Farm Bur. Conducted farmers insts., 5 yrs. —*b.* Rodman, N. Y., Jan. 30, 1873; *s.* H. S. and Alvira (Cooley) P.; reared on farm; *m.* Flora E. Parsons, Aug. 24, 1898; *c.* M. Claire.

Porter, William Floyd, manag. and sec.-treas., Broomcorn Growers Coop. Assoc., Oklahoma City, Okla.

Teach. country schs., 6 yrs.; princ. schs., Isabella, Okla., 1915-6; Mutual, Okla., 1917-8; co. agrl. agt., Taloga, Okla., 1919-23; sec.-treas. Broomcorn Growers Coop. Assoc., 1923-; manag., 1925-. Served in U. S. Army, 1918. —*b.* Onawa, Ia., July 22, 1891; *s.* Jas. Lincoln and Mattie A. (Acton) P.; reared on farm; *m.* Rebecca Maude Every, Aug. 31, 1917; *c.* Margaret Floy, Jas. Keith, Phillip Paul.

Posey, W. A., co. agrl. agt., Sac City, Ia.

Agrl. agt. Clay Co., Ia., 5 yrs.; Sac Co., 3 yrs. —*b.* Bushnell, Ill., 1882; *s.* John A. and E. J. P.; reared on farm. Grad. Univ. Neb.

Posson, Rutherford J., asst. market milk specialist, Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

b. Eureka, Neb., Feb. 27, 1890; *s.* Myron J. and Viola (Snyder) P.; reared on farm; *m.* Ruth Sinclair, July 11, 1922. B.Sc., Univ. Neb., 1915.

Post, Arthur Herman, asst. prof. agron. and asst. argon. Exp. Sta., Mont. State Coll., Bozeman, Mont.

b. Dunsmuir, Calif., Mar. 24, 1899; *s.* H. C. and Anna B. (Pregal) P.; reared on farm. B.S., Wash. State Coll., 1923; M.S., 1924. Alpha Gamma Rho.

Post, Robert Edwin, asst. prof. farm econ. and asst. in cost of production for S. D. State Dept. Agr., S. D. State Coll., Brookings, S. D.

Instr. agr., high-sch., Onaway, Mich., 1920-1; asst. in cost studies, Mich. Agr. Coll., 1921-2; present position, 1923-. Served in U. S. Army, 1917-9. —*b.* Minneapolis, Minn., May 31, 1896; *s.* Frederick Wm. and Elizabeth (Hoppenrath) P.; reared on farm; *m.* Norine E. Mollhagen, 1923; *c.* Carolyn L. B.S., Mich. Agr. Coll., 1920; M.S., Univ. Wis., 1923.

Potter, Charles Edward, state leader boys and girls club work, Mont. State Coll., Bozeman, Mont.

1st Lieut. Field Art., U. S. Army. (Rural sociol., econ.). —*b.* Valley Grove, W. Va., July 4, 1891; *s.* David Bradford and Jane Moss (Moore) P.; reared on farm; *m.* Barbara Elizabeth Heidner, Dec. 23, 1920; *c.* Jane Elizabeth, Helen Ann. B.S.A., W. Va. Univ., 1920. Kappa Alpha; Phi Kappa Phi.

Potter, Ermine Lawrence, prof. an. husb., Ore. Agr. Coll., Corvallis, Ore.

Instr. an. husb., Ore. Agr. Coll., 1908-10; asst. prof., 1910-2; prof., 1912-; head dept., 1913-. Sec. Northwest Shorthorn Assoc. *Ed.,* Western Live-Stock Management, 1917. (Commercial cattle feeding and range manag.). —*b.* Turney, Mo., Apr. 13, 1884; *s.* Jas. A. and Maggie (Johnson) P.; reared on farm; *m.* Mary Kirk, Aug. 16, 1911 (d. 1919). B.S., Mont. State Coll., 1906; B.S.A., Ia. State Coll., 1908. Alpha Zeta; Gamma Sigma Delta.

Potter, George Frederick, prof. hort. and hort. Exp. Sta., Univ. N. H., Durham, N. H.

Instr. hort., Univ. Wis., 1913-8; asst. prof., 1918-20; present position, 1920-. (Pom.). —*b.* Madison, Wis., Aug. 7, 1891; *s.* Geo. Frederick and Jennie L. (Findlay) P.; reared on farm; *m.* Pearl A. Schnackenberg; *c.* Frances M., Geo. F. Jr., Ada Elizabeth. B.S., Univ. Wis., 1913; M.S., 1916.

Potter, Percival B., asst. prof. agrl. engin., Ohio State Univ., Columbus, O.

Instr. agrl. engin., Ohio State Univ., 1916-8; asst. prof., 1918-. (Drainage and dom. engin.). —*b.* Barber Co., Kans., Dec. 19, 1889; *s.* Orman J. and Elvira L. (Button) P.; reared in town; *m.* May Belle Landis, Dec. 28, 1915; *c.* Richard Landis, Ruth Arlene. B.S. in C.E., Kans. State Agr. Coll., 1911; B.S. in Agron., 1916. Alpha Zeta.

Potter, Ralph Sydney, assoc. prof. soils and chief soil chem. Exp. Sta., Ia. State Coll., Ames, Ia.; deceased. See Rus 1920.

Potts, Arthur Tillman, chief div. hort., Tex. Agr. Exp. Sta., College Station, Tex.

Deputy state feed and fert. insp., 1907-8; supt. Agr. Exp. Sta., Beeville, Tex., 1908-12; prof. veg.-gard. and subtropical fruits, Tex. A. & M. Coll., 1912-23. —

b. Weatherford, Tex., Mar. 16, 1883; *s.* Chas. B. and Elizabeth M. (Shirley) P.; reared on farm and in small town; *m.* Francis Opal Poland, June 2, 1910; *c.* Letha Marie. B.S., Tex. A. & M. Coll., 1907; M.Sc., Univ. Calif., 1916; M.S.A., Tex. A. & M. Coll., 1917.

Potts, Roy C., specialist in dairy marketing, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Prof. dairying, Okla. A. & M. Coll., 1906-15; present position, 1915-. *Auth.*: Dairy Laboratory Outlines, 1912. Dairy ed., Okla. Farmer-Stockman, 1913-5. —*b.* Washington, Mich., May 21, 1881; *s.* John C. and Mattie (Hart) P.; reared on farm; *m.* Helene M. Mittendorf, Feb. 16, 1910. B.S., Mich. Agr. Coll., 1906. Alpha Zeta.

Pou, R. W., co. agrl. agt. Winston-Salem, N. C.

b. Tokio, Miss., Apr. 26, 1876; *s.* J. F. and Ada (West) P.; reared on farm; *m.* Clara V. Shuford, Feb. 24, 1909; *c.* Robt. S., Jas. Frank, Wm. L., Clara. B.A., Miss. A. & M. Coll., 1902.

Powell, Edwin Chace, chief ed., U. S. Dept. Agr., Washington, D. C.

Sec. E. N. Y. Hort. Soc., 1898. *Auth.*: Street and Shade Trees, 1893; Country Roads, 1893; Barn Plans and Outbuildings, 1903; Making Poultry Pay, 1907. *Asst. ed.*, New England Homestead, 1890-2; asst. ed., American Gardening, 1893; assoc. ed., Orange Judd weeklies, 1900-2; ed., Farm and Home, 1902-21; ed., Press Serv., U. S. Dept. Agr., 1921; chief ed., 1921-. (Amateur gard. and fruit-growing). —*b.* Ghent, N. Y., Mar. 3, 1870; *s.* Geo. T. and Marcia (Chace) P.; reared on farm; *m.* Grace J. Sackett, July 16, 1890; *c.* Beatrice, Edith M. Special student, Cornell Univ., 1889-90.

Powell, George Harold, general manag. Calif. Fruit Growers Exchange, Los Angeles, Calif.; Feb. 8, 1872-Feb. 19, 1922. See Rus 1920.

Powell, George Townsend, fruit-grower and farmer, Ghent, N. Y.

Princ. and dir. Sch. Practical Agr. and Hort., Briar Cliff Manor, N. Y., 1901-3. Pres. Hort. Soc. of N. Y., 5 yrs. (Propagation of fruit-trees by bud selection). —*b.* Clinton, N. Y., Mar. 30, 1843; *s.* Townsend and Catharine (Macy) P.; reared on farm; *m.* Marcia Chace, Dec. 2, 1868; *c.* Edwin Chace, Geo. Harold, Mabel Alger, Alger Wheeler. Student Claversack Coll., 2 yrs.

Powell, Lloyd Francis, teach. voc. agr., Monitor High-Sch., LaFayette, Ind.

Teach. agr., Monitor High-Sch., 1918-9, 1922-; teach. agr. and manual training, Newton Ind. High-Sch., Mellott, 1921-2. —*b.* Iroquois Co., Ill., Dec. 3, 1897; *s.* Gilbert and Nellie (Overton) P.; reared on farm. B.S.A., Purdue Univ., 1921. Alpha Zeta.

Powell, Ola, asst. in chg. home dem. work in southern states, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Teach. sch. gard. in Cleveland and Philadelphia, 4 yrs.; dir. home econ., Sch. Organic Educ., Fairhope, Ala., 1910-1; in chg. summer sch. dom. sci. and asst. curator sch. gardens, public schs., Cleveland, 1911-2; asst. state home dem. agt., La. State Univ., 1913-4. *Auth.*: Successful Canning and Preserving. —*b.* Plain View, Tex., Dec. 19, 1889; *d.* Robt. Finley and Laura (Tisdel) P.; reared on farm. Grad. Drexel Inst., Philadelphia, 1913.

Powers, Homer Patrick, co. agrl. agt., Gallup, N. Mex.

Teach. agrl. chem., N. Mex. A. & M. Coll., 1 yr. —*b.* Pecos, Tex., Apr. 4, 1893; *s.* Homer and Josephine (Philips) P.; reared on ranch; *m.* Celia Marrin. B.S.A., N. Mex. A. & M. Coll., 1916. Alpha Pi Alpha.

Powers, Hugh Austin, co. agrl. agt., Lexington, Tenn.

Teach. agr., high-sch., Lexington, Tenn., 1913-5; teach. agr. and co. agrl. agt., 1915-8; present position, 1918-. Sec. Henderson Co. Pure Swine Breeders Assoc. —*b.* Scotts Hill, Tenn., Apr. 12, 1889; *s.* A. M. and Addie (Austin) P.; reared on farm; *m.* Lessie Jane Davis, June 21, 1917. B.S.A., Univ. Tenn., 1913. Alpha Tau Omega.

Powers, Wilbur Louis, prof. soils, Ore. Agr. Coll., Corvallis, Ore.

Instr. agron., Ore. Agr. Coll., 1909-12; asst. prof., 1912; assoc. prof., 1912-5; prof. drainage and irrig., 1916-8; prof. soils, 1918-. Sec. Ore. Drainage Assoc. *Auth.*: Irrigation Practice, 1912; Land Drainage, 1922. —*b.* Tiskilwa, Ill., Mar. 5, 1887; *s.* John and Eliza A. (Partridge) P.; reared on farm; *m.* Mabel N. Hayes, Sept. 1, 1909; *c.* Myron N. B.S.A., N. Mex. A. & M. Coll., 1908; M.S., 1909; student Univ. Calif., 1923-4.

Powers, William Howard, librarian and prof. literature, S. D. State Coll., Brookings, S. D.

Teach. high-sch., 1892-8; prof. English, Huron Coll., 1901-5; present position, 1905-. Mem. S. D. State Library Comn., 1913-22. Librarian Amer. Library Assoc. library, Camp Cody, N. Mex. (Agrl. librarian). —*b.* Woodville, O., Sept. 12, 1868; *s.* Chas. and Lydia Ann (Banks) P.; reared in town; *m.* Edith Lampman, Sept. 2, 1902; *c.* Howard A., Pamela. A.B., Miami Univ., 1891; A.M., Harvard Univ., 1899.

Powick, Wilmer Chrisman, assoc. biochem., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Capt. Sanitary Corps, U. S. Army, 1917-9. (Biol. and food chem.). —*b.* near Harrisburg, Pa., July 4, 1886; *s.* Wm. and Alice Carey (Chrisman) P.; reared in town; *m.* Victoria May Smith, Sept. 6, 1919; *c.* Alice Victoria. B.S., Penn. State Coll., 1907. Phi Kappa Phi.

Praeger, Herman Albert, farmer, Claflin, Kans.

Sec. Farmers Union Coop. Supply Co., Claflin, 1920; sec. Farmers Elevator Co. of Claflin, 1920-. —*b.* Claflin, Kans., June 13, 1884; *s.* F. August and Barbara (Dittman) P.; reared on farm; *m.* Edna Gertrude Grizzell, Oct. 22, 1910; *c.* Walter G., Ralph B., Kenneth H., H. Albert. B.S., Kans. State Agr. Coll., 1908.

Pratt, Hiram E., teach. agr. and princ. high-sch., Eatonville, Wash.

Supt. Kodiak Livestock and Breeding Sta., Kodiak, Alaska, 1915-9. 2d Lieut. Inf., U. S. Army, World War. —*b.* Easton, N. Y., Nov. 1, 1888; s. Linwood S. and Tillie R. (Maxwell) P.; reared on farm; *m.* Maribel Whitman Cheney, 1914; *c.* Willard E., Leland W., Maribel C. B.S., Ore. Agr. Coll., 1912.

Pray, James Sturgis, prof. lands. arch. and chm. Sch. of Lands. Arch., Harvard Univ., Cambridge, Mass.

With Olmsted Bros., Brookline, Mass., 1898-1903; private practice, Pray and Gallagher, 1904-6; Pray, Hubbard and White, 1906-18; Charles Eliot prof. lands. arch., Harvard Univ., 1905-; chm. Sch. Lands. Arch., 1908-. Fellow, and pres., 1906-, 1915-9, Amer. Soc. Lands. Arch.; pres. Boston Soc. Lands. Arch., 1913-4; pres. Nat. Conference on Instr. in Lands. Arch., 1920-1; fellow Amer. City Planning Inst.; sec.-treas. Columbine Assoc. Served as city-planning expert in Construction Div., War Dept., 1917, U. S. Housing Corp., 1918-9. —*b.* Boston, Mass., Feb. 26, 1871; *s.* Benj. Sweetser and Frances (Motley) P.; reared in city; *m.* Florence M. Nichols, Oct. 30, 1901; *c.* Benj. Sturgis, Frances Motley. A.B., Harvard Univ., 1895.

Prentice, Burr Norman, assoc. prof. for., Purdue Univ., LaFayette, Ind.

Instr. for., Purdue Univ., 1914-7; asst. prof., 1917-21; assoc. prof., 1922-. Mem. Ind. Acad. Sci.; chm. N. Ohio Valley sect., Soc. Amer. For., 1924; in chg. educ. campaign against white pine blister-rust in N. Y., summer 1921; asst. to state leader, summer 1922-4. —*b.* Berkshire, N. Y., Aug. 1, 1888; *s.* Norman A. and Grace I. (Howland) P.; reared in village; *m.* Ruth G. Clark, Jan. 1, 1915; *c.* Lucia R., June Louise, Polly Elizabeth. B.A., Syracuse Univ., 1912; M.F., N. Y. State Coll. For., Syracuse, 1913. Sigma Phi Epsilon.

Prescott, Maurice Sheldon, ed. and pub., Lacona, N. Y.

Mem. firm Hastings and Prescott, Holstein pedigrees and sales; co-founder (with Hastings) and ed. Black and

White Record, 1916-8; ed. Holstein-Friesian World, 1914-5, 1918-. Treas. N. Y. Holstein-Friesian Assoc., 1918-20. —*b.* Hastings, N. Y., Dec. 24, 1892; *s.* Homer Albert and Helen Theresa (Wadsworth) P.; reared on farm; *m.* Flora Elizabeth Stone, Oct. 20, 1913; *c.* Wm. Theodore, Patricia Stone, Helen Elizabeth, Barbara Ann. Student Cornell Univ., 1912.

Pressey, Howard Fay, manag. Rancho Sespe, Sespe, Calif.

2d Lieut. Inf., U. S. Army, 1917-9. —*b.* Santa Paula, Calif., Jan. 26, 1889; *s.* Benj. Louis and Virginia (Cooper) P.; reared in town; *m.* Abby Lyman, Nov. 3, 1923; *c.* Lyman Benj. B.S., Univ. Calif., 1911. Alpha Zeta.

Preston, Charles Fairlamb, farmer, R.D. 1, Nottingham, Pa.

Asst. hort., Green Ridge Valley Orchard Co., 1911-3; agrl. agt., Chester Co., Pa., 1913-7; asst. state leader co. agts., Penn. State Coll., 1917-9. Mem. exec. com., Lancaster Co. Farm Bur., 1923; mem. bd. dir. Inter-State Milk Producers Assoc., 1923-4; pres. Friendly Farmers Club, 1922; pres. Little Britain Parent Teach. Assoc., 1922; pres. Little Britain Township school board, 1924; vice-pres. Lancaster County Sch. Dir. Assoc., 1924-5. —*b.* Tayloria, Pa., June 30, 1888; *s.* Forest and Alice (Fairlamb) P.; reared on farm; *m.* Bessie J. Hoffman, Sept. 9, 1914; *c.* Dora Levisee, Forest, Mildred, Anna Lucille. B.S., Penn. State Coll., 1911. Delta Upsilon; Alpha Gamma Rho.

Prettyman, Hugh W., supt. W. Va. dem. fruit packing sch. and hort. ext. specialist, W. Va. Univ., Inwood, W. Va.

Agrl. agt., Mingo Co., W. Va., 1917-8; agt. Mineral Co., 1918-9; present position, 1920-. —*b.* Sistersville, W. Va., Aug. 1, 1892; *s.* Rufus Peter and Sara Cathryn (Bookman) P.; reared on farm; *m.* Era Brake, June 16, 1917. B.S.A., W. Va. Univ., 1917.

Price, Earl, co. agrl. agt., Yorkville, Ill.

Dean agr., Valparaiso Univ., 1914-7. (Limestone in agr.). —*b.* Topeka, Ind., Nov. 29, 1883; *s.* John and Emmeline (Barnes) P.; reared on farm; *m.* Leta Kline, Aug. 20, 1910; *c.* John, Mary, Jas., Virginia, Rachel, Paul. A.B., Wabash Coll., 1909; B.S., Purdue Univ., 1914.

Price, Edward Ernest, teach. voc. agr., high-sch., Fennimore, Wis.

b. Mauston, Wis., Dec. 17, 1893; *s.* Ermon E. and Clara (Friday) P.; reared on farm. B.S.A., Univ. Wis., 1922. Alpha Zeta.

Price, Ferdinand Theodore, instr. voc. agr., high-sch., Sisseton, S. D.

Private U. S. Army, 1918. – *b.* Amherst, Wis., June 29, 1897; *s.* August and Augusta (Czeskleba) P.; reared on farm. B.S., Univ. Wis., 1924. Phi Kappa Tau.

Price, Frederick Earl, specialist in soils, Ore Agr. Coll., Corvallis, Ore.

Instr. farm mech., Ore. Agr. Coll., 1921; asst. agron., Mont. State Coll., 1922; present position, 1922-. —*b.* Visalia, Calif., Nov. 2, 1898; *s.* H. R. and Stella (Furman) P.; reared on farm; *m.* Fern McCroskey, Dec. 20, 1923; *c.* Beverley. B.S., Ore. Agr. Coll. Phi Gamma Delta.

Price, Harvey Lee, dean agrl. dept. and prof. hort., Va. Poly. Inst., Blacksburg, Va.

Instr. hort., Va. Poly. Inst., 1900-3; prof. hort. and hort. Exp. Sta., 1903-; dean agrl. dept., 1908-. (Hort., genetics). —*b.* Price's Fork, Va., Mar. 18, 1874; *s.* Wm. Taylor and Margaret Ellen (Hawley) P.; reared on farm; *m.* Daisy Conway, Sept. 21, 1904; *c.* W. B. Conway, Harvey L. Jr., Mary Luster, Jule. B.S., Va. Poly. Inst., 1898; M.S., 1900.

Price, Homer Charles, agrst., Newark, O.

Asst. hort., Ohio State Univ., 1899-1901; prof. hort., Ia. State Coll., 1901-3; dean Coll. Agr., Ohio State Univ., 1903-15. Mem. Agrl. Comn. of O., 1913-5; mem. O. State Bd. Agr., 1917-; chm. Fed. Milk Comn., 1918-9. Traveled in Europe, 1911-2. (Apples, Red Polled cattle). —*b.* Newark, O., Feb. 13, 1875; *s.* Thos. D. and Sarah Jane (Jones) P.; reared on farm; *m.* Gertrude Harlan,

June 18, 1903; *c.* Thos. Harlan, Mary Elizabeth. B.Sc., Ohio State Univ., 1897; M.S.A., Cornell Univ., 1899. Sigma Xi; Alpha Zeta.

Price, Hugh Bruce, assoc. prof. agrl. econ., Univ. Minn., University Farm, St. Paul, Minn.

Instr. econ., Conn. Agr. Coll., 1917-9; Yale Univ., 1919-21; present position, 1921-. —*b.* Tulare, S. D., Oct. 21, 1888; *s.* Asa John and Esther Amanda (Hoyt) P.; reared on farm; *m.* Jennie M. Swab, Sept. 28, 1918; *c.* Hugh Bruce, Glenn Albert, Esther Jane. B.A., Univ. Wis., 1914; M.A., Univ. Minn., 1916; Ph.D., Yale Univ., 1921. Alpha Gamma Rho.

Price, James Clarence Conway, head dept. hort., Miss. A. & M. Coll., Agricultural College, Miss.

Instr. mech. arts, Va. Poly. Inst., 1904-7; insp., Va. Crop Pest Comn., 1907-9; instr. hort., Ala. Poly. Inst., 1909-13; assoc. prof., 1913-20; assoc. prof. hort., Miss. A. & M. Coll., 1920-4; head dept., 1925-; hort. Exp. Sta., 1920-. Sec.-treas. Ala. State Hort. Soc., 1913-20. —*b.* Blacksburg, Va., Mar. 19, 1881; *s.* Jas. Crockett and Mary Christiana (Price) P.; reared on farm; *m.* Lulu Grace Coley, Oct. 28, 1908; *c.* Fred LeRoy, Jas. Wm. B.S., Va. Poly. Inst., 1908.

Price, James Newton, assoc. farm adv., Canton, Ill.

Asst. dairying, Univ. Mo., 1905-6; head dairy dept., Univ. Tenn., 1906-8; farmer, Trenton, Mo., 1908-11; Cabinet, Ida., 1911-4; ext. specialist dairying, Wash. State Coll., 1914-7; agrl. agt. Yakima Co., Wash., 1917-21; manag. Wash. Hay Growers Assoc., 1921-2; assoc. farm adv., Fulton Co., Ill., 1923-. 1st pres. Mo. Corn Growers Assoc. —*b.* Grundy Co., Mo., Dec. 26, 1879; *s.* John W. and Mary Frances (Reynolds) P.; reared on farm; *m.* Cora Matheny, June 18, 1905; *c.* Frances Ellen, Katharine Elizabeth, Marian Esther. B.S.A., Univ. Mo., 1905.

Price, Minnie, state home dem. leader, Ohio State Univ., Columbus, O.

Teach. rural schs., Ore., 1906-7; superv. household arts, Salem, Ore., 1911-3; home dem. agt., Hampden Co. Improvement League, Springfield, Mass., 1915-21; asst. state home dem. leader, Ohio State Univ., 1921-3; state leader, 1923-. —*b.* Kings Valley, Ore., Dec. 2, 1888; *d.* Wm. Lane and Sarepta (Norton) P.; reared on farm. B.S., Columbia Univ., 1915.

Price, Oscar Gibson, co. agrl. agt., Covington, La.

Teach. sci. and agr., Pride Agrl. High-Sch., Pride, La., 1915-7; agrl. agt., St. Helena Parish, La., 1917-22; St. Tammany Parish, 1922-. —*b.* Ill., Apr. 26, 1886; *s.* E. C. and D. J. P.; reared in country; *m.* Susie Effie Yancey, Oct. 2, 1913 (d. 1918); 2d, Daisy Dean Holland, Apr. 20, 1919. B.S.A., Univ. Ark., 1915.

Price, Walter Allen, assoc. prof. ent., Purdue Univ., LaFayette, Ind.

Lab. asst., Ohio State Univ., 1912-3; grad. asst., 1913-4; lab. asst., Purdue Univ., 1914-5; instr., 1915-7; asst. prof. ent., 1917-9; assoc. prof., 1919-. —*b.* Columbus, O., Feb. 25, 1887; *s.* Chas. W. and Charlotte (Allen) P.; reared on farm. B.S.A., Ohio State Univ., 1913; M.S., 1916.

Pridmore, James C., agron., Southern Fertilizer Assoc., Shreveport, La.

Assoc. prof. agron., Univ. Tenn., 1911-7; present position, 1917-. —*b.* Gaffney, S. C., Mar. 3, 1885; *s.* Samuel G. and Amanda E. (Byars) P.; reared on farm; *m.* Helen Hortense Sharp, Dec. 26, 1911. B.S., Clemson Agr. Coll., 1909; M.S., Univ. Wis., 1911.

Prince, Ford Smoot, co. agrl. agt., Xenia, O.

Instr. soils, Mich. Agr. Coll., 1913-4; asst. prof. agron., N. H. A. & M. Coll., 1914-8. —*b.* Conover, O., Nov. 14, 1887; *s.* W. H. and Eva (Smoot) P.; reared on farm; *m.* Alice Fletcher, Dec. 27, 1917. B.S., Univ. Ill., 1913. Beta Theta Pi; Alpha Gamma Rho.

Prosser, Hubert Timothy, fed. land appraiser and consulting agrst., Hamlet, N. C.

Asst. prof. agr., Univ. Fla., 1912; agrl. agt., Seaboard Air Line Ry., 1913-5; asst. development agt., 1915-7; U. S. land appraiser, 3rd Land Bank Distr., 1917-8; agrl. agt. Durham Co., N. C., Feb.-July, 1919; present position, 1919-. Mem. U. S. Naval Board of Valuation. Dir. Chamber of Commerce, Hamlet; dir. Richmond Co. Fair Assoc. Fruit farmer and cotton planter, Richmond Co., N. C., 5 yrs.; general farmer, S. C., 10 yrs. —*b.* Florence Co., S. C., Apr. 10, 1889; reared on farm. B.S.A., Clemson Agr. Coll., 1912.

Prucha, Martin John, prof. dairy bact. and chief in Exp. Sta., Univ. Ill., Urbana, Ill.

Asst. bact., N. Y. Agr. Exp. Sta., Geneva, 1903-7; assoc. bact., 1907-10; fellow in agr., Cornell Univ., 1910-2; instr. plant physiol., 1912-3; asst. prof., 1913-4; asst. prof. dairy bact., Univ. Ill., 1914-8; assoc. prof., 1918-20; prof. 1920-. —*b.* Bohemia, Nov. 11, 1874 (naturalized 1909); *s.* John and Anna P.; reared in town; *m.* Elizabeth Gertrude Catchpole, 1907; *c.* Arnold Abbott, Marjorie Grayston, Martin J. Jr. Ph.B., Wesleyan Univ., 1903; M.S., 1908; Ph.D., Cornell Univ., 1913. Sigma Xi; Delta Tau Delta; Gamma Sigma Delta.

Pruett, Eugene F., co. agrl. agt., Hayward, Wis.

2d Lieut. Field Art., U. S. Army, 1917-9. (Agrl. econ.). —*b.* Kinnimundy, Ill., May 24, 1891; *s.* F. A. P.; reared on farm and in town; *m.* Emma Sawtell, Sept. 24, 1920; *c.* Martha, Jas. S. B.S., Univ. Ill. Alpha Sigma Phi.

Przyluska, Wanda, home health specialist, Ohio State Univ., Columbus, O.

Infant welfare nursing, Chicago, 1911-2, 1913-4; organizer Childrens Hospital, Warsaw, Poland, 1912; field nurse, Tuberculosis Survey in Mich., 1914; asst. supt., 1915-6; supt. city public health nurses, Jackson, Mich., 1916-8; present position, 1918-. —*b.* Poland, Apr. 10, 1881; *d.* Antoni and Antonina P. R. N., St. Marys of Nazareth Hospital, Chicago; Laura Spellman Rockefeller Foundation scholar, Merrill-Palmer Sch., Detroit, 1925.

Pugsley, Charles William, pres. S. D. State Coll., Brookings, S. D.

Prof. Woodbine Normal Sch., 1899-1902; on farm, 1906-8; asst. prof. an. husb., Univ. Neb., 1908-9; head prof. agron. and farm manag., 1909-11; head prof. farm manag. and dir. ext., 1911-8; state leader co. agts. and boys' and girls' club work, U. S. Dept. Agr., 1912-8; ed. The Nebraska Farmer, 1918-22; asst. sec. agr., U. S. Dept. Agr., 1921-3; present position, 1923-. State statistical agt., 1910-4. U. S. del. to Intern. Inst. of Agr., Rome, Italy, 1913; Neb. mem. Rural Credit Comn. to Europe. Mem. Neb. Constitutional Convention, 1919-20. —*b.* Woodbine, Ia., Aug. 12, 1878; *s.* Geo. and Alice Ida (Kennedy) P.; reared on farm; *m.* Lillian Florence Gibson, Feb. 22, 1906; *c.* Albert LeRoy. B.Sc., Univ. Neb., 1906. Alpha Zeta; Gamma Sigma Delta.

Pulsifer, Roy Scott, teach. agr. and headmaster Quinby Sch., Center Sandwich, N. H.

b. Campton, N. H., Feb. 22, 1900; *s.* John M. and Laura (Worthen) P.; reared on farm. B.S., Univ. N. H., 1923. Alpha Zeta.

Purcell, Mary Elizabeth, clothing specialist ext., Univ. Wis., Madison, Wis.

b. Madison, Wis., Apr. 6, 1901; *d.* Joseph M. and Anna L. (Coulson) P.; reared in city. B.S., Univ. Wis., 1923.

Putnam, Dwight Field, farmer, Oneida, N. Y.

Formerly co. agrl. agt., Wampsville, N. Y. Farmer, Fla., 3 yrs.; princ. schs., 4 yrs. Dir. Madison Co. Coop. Marketing Assoc. —*b.* Prattsburg, N. Y., Sept. 7, 1885; *s.* Aaron and Ada (Graves) P.; reared on farm; *m.* Edna Howard, July 18, 1911; *c.* Marian Clarissa. Ph.B., Syracuse Univ., 1911. Sigma Phi Epsilon.

Putnam, George Alfred, supt. insts. and dir. dairying, Dept. Agr., Toronto, Ont.

Pres. Amer. Assoc. of Farmers Inst. Workers. Directed development of women's insts. in Ont. —*b.* Lyons, Ont., Nov. 28, 1869; *s.* Peter Jas. and Jane

(Secord) P.; reared on farm; *m.* May Shuttleworth; *c.* Madelyn, Ross. B.S.A., Univ. Toronto, 1900.

Putnam, George Martin, farmer, Contoocook, N. H.

Pres. and manag. dir. N. H. State Farm Bur.; pres. Merrimack Farmers Exchange; dir. N. H. Coop. Marketing Assoc.; treas. Granite State Dairymens Assoc.; dir. New England Milk Producers Assoc.; pres. New England Dairy System; dir. New England Dairy Marketing Serv.; dir. Amer. Farm Bur. Fed.; dir. Eastern States Expos. Mem. Constitutional Convention, 1902. —*b.* Contoocook, N. H., Jan. 18, 1864; *s.* Chas. and Almira (Eastman) P.; reared on farm; *m.* Flora E. Clough, Jan. 19, 1899.

Putnam, Henry Oakes, co. agrl. agt., Elk Point, S. D.

Agrl. agt., Union Co., S. D., 1921-. Served in Army Y. M. C. A., 1918-9. —*b.* Battle Lake, Minn., Nov. 12, 1892; *s.* Herbert A. and Celia J. (Oakes) P.; reared on farm; *m.* Hazel N. Bacon, Oct. 11, 1921. B.S., Univ. Minn., 1921. Alpha Gamma Rho.

Putnam, Joseph Henry, co. agrl. agt., Greenfield, Mass.

Supt. hort. dept. and asst. hort. Exp. Sta., Mass. Agr. Coll., 1895-7. Pres. Conn. Pom. Soc.; vice-pres. Patrons Exchange, Conn. (Stock breeding, fruit-growing). —*b.* Oxford, Mass., July 24, 1872; *s.* Henry W. and Abbie E. (Locke) P.; reared on farm; *m.* Kate M. Taylor, Oct. 27, 1897; *c.* Ernest, Amy A., Ruth E., Catherine E., Richard E., Paul S. B.Sc., Mass. Agr. Coll., 1894. Kappa Sigma.

Putnam, Luther, hort. and farmer, Cambridge, Vt.

Teach., public schs., 4 yrs.; formerly nurseryman and distributor hardy fruits; grower potatoes and apples. Vice-pres. Vt. Hort. Soc. —*b.* Westford, Vt., Oct. 28, 1842; *s.* Joel and Esther (Howe) P.; reared on farm; *m.* Laura A. Safford, Dec. 25, 1863; 2d, Laura C. Kinsley, Mar. 6, 1872; *c.* Hattie, Safford, Annie, Laura, Kinsley, Homer, Mabel, Alice, Alma.

Pyle, Robert, rose-grower, W. Grove, Pa.

Acting supt. Swarthmore Coll., 1897-8; pres. The Conard and Jones Co., W. Grove, Pa. Pres. Amer. Rose Soc., 1919-23; sec., 1923-. Amer. judge at Intern. Rose Show in Paris. *Auth.*: How to Grow Roses, 16th ed. 1925. —*b.* London Grove, Pa., Mar. 7, 1877; *s.* Robt. L. and Elizabeth D. (Walton) P.; reared in country; *m.* Hannah Cadbury, Mar. 10, 1910. A.B., Swarthmore Coll., 1897. Delta Upsilon.

Pyrke, Berne A., comnr. of farms and markets, Dept. Farms and Markets, Albany, N. Y.

Co. judge and surrogate, Essex Co., N. Y., 1912-21; bank dir. —*b.* Albany, N. Y., Mar. 26, 1875; *s.* Harry W. and Frances E. (Higbie) P.; reared in country; *m.* Helen M. Allen, Oct. 1905; *c.* Allen W., Helen Marjorie.

Q

Quackenbush, Ralph Wood, agrl. agt., New York Central Lines, Grand Central Terminal, New York, N. Y.

Milk agt., N. Y., Ont. and Western R. R., 1905-17; present position, 1917-. —*b.* Warwick, N. Y., June 17, 1876; *s.* Jacob and Amelia (Wood) Q.; reared on farm; *m.* Eve Smith, Jan. 14, 1897; *c.* Ralph J., Alfred W., Dana S.

Quaife, Elvin Lee, assoc. prof. an. husb., Ia. State Coll., Ames, Ia.

Instr. and asst. prof. an. husb., Mass. Agr. Coll., 1911-7; present position, 1917-. Traveled in Europe. —*b.* Ionia, Ia., Nov. 29, 1887; *s.* Chas. Alfred and Alice E. (Day) Q.; reared on farm; *m.* Helen A. Marshall, Aug. 12, 1913; *c.* Margaret A., Virginia. B.S., Ia. State Coll., 1911. Alpha Zeta; Delta Sigma Rho.

Quaintance, Altus Lacy, assoc. chief and ent. in chg. fruit insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Ent., Ala. Poly. Inst., 1894; Fla. Agr. Coll. and Exp. Sta., 1895-8; Ga. Exp. Sta., 1899-1901; Md. Agr. Coll. and Exp. Sta., state ent., 1901-3; with Bur.

Ent., 1904-. Fellow A. A. A. S.; Ent. Soc. Amer. Pres. Amer. Assoc. Econ. Ent., 1904; pres. Ent. Soc. Washington, 1912; sec. Md. State Hort. Soc., 1902-3. —*b.* New Sharon, Ia., Dec. 19, 1870; *s.* G. P. and Sarah Jane (Hughes) Q.; reared in small town; *m.* Helen May Yocum, Dec., 1895; *c.* L. C., H. W. B.S.A., Univ. Fla., 1893; M.Sc., Ala. Poly. Inst., 1894; D.Sc., 1915. Sigma Alpha Epsilon.

Questel, Benjamin Harrison, teach. voc. agr., high-sch., Kenova, W. Va.

Agrl. agt., Roane Co., W. Va., 1919-22; present position, 1923-. 2d Lieut., U. S. Army, 1918. —*b.* Herald, Ill., Nov. 3, 1888; *s.* E. T. and Lilly A. (Marlin) Q.; reared on farm; *m.* Nelle Edith Wilson, June 18, 1921; *c.* Lilly Anne, Jas. Theodore. B.S., Univ. Ill., 1916. Alpha Zeta.

Quick, Herbert, writer, farmer and orchardist, Berkeley Springs, W. Va.; Oct. 23, 1861—May 10, 1925. See Rus 1920.

Quick, William C., sales manag. Pacific Fruit & Produce Co., Yakima, Wash.

Formerly sci. asst. in pom. chg. northwestern storage invests., U. S. Dept. Agr. —*b.* Saline Co., Ill., Aug. 29, 1888; *s.* Frank C. and Elizabeth (Reddick) Q.; reared on farm. B.S.A., Univ. Ark., 1914.

Quisenberry, James H., distr. agrl. agt., Frederick Hall, Va.

b. Mineral, Va., July 29, 1868; *s.* John S. and Charlotte A. (Bronaugh) Q.; reared on farm; *m.* Nettie L. Sims, May 11, 1898; *c.* Maxwell, Nettie A., Elsie H., J. Nuel. Studied Va. Poly. Inst.

Quist, Elmer Axel, instr. voc. agr., high-sch., Bertha, Minn.

Served in A. E. F., 1918-9. —*b.* Litchfield, Minn., Nov. 26, 1894; *s.* John and Bertha (Anderson) Q.; reared on farm. B.S., Univ. Minn., 1923.

Quist, John Sherman, asst. state club leader, Ia. State Coll., Ames, Ia.

Formerly co. agrl. agt., Denison, Ia. —*b.* Essex, Ia., Apr. 13, 1891; *s.* P. J. and Matilda (Johnson) Q.; reared on farm. B.S., Ia. State Coll., 1917.

R

Rabild, Helmer, manag. Grove City Creamery, Grove City, Pa.

Instr. Mich. Agr. Coll., winter-course, 1902-6; in chg. Chesterfield Creamery, Mich., 1902-3; Alma Creamery, 1904; deputy dairy and food commr., Mich., 1905-7; formerly in chg. dairy ext., Dairy Div., U. S. Dept. Agr., Washington. (Cow testing and bull assoc.). —*b.* Denmark, Aug. 10, 1876 (naturalized 1905); *s.* Andreas Peter and Johanne R.; reared on farm; *m.* Ada Elizabeth Mauro, 1912. Grad. Denmark Agrl. Coll.

Radspinner, William Ambrose, pom., N. C. Agr. Exp. Sta. and State Coll., Raleigh, N. C.

With Purdue Agr. Exp. Sta., 1919; Ia. State Coll. and Exp. Sta., 1919-21; Okla. A. & M. Coll. and Exp. Sta., 1921-3; present position, 1923-. —*b.* Aurora, Ind., Mar. 26, 1898; *s.* Wm. Franklin and Luella (Stark) R.; reared on farm and in city. B.S.A., Purdue Univ., 1919; M.S., Ia. State Coll., 1921. Alpha Gamma Rho.

Rafferty, William Russell, teach. voc. agr., high-sch., Van Wert, O.

b. Shelbyville, Ind., Oct. 29, 1900; *s.* G. L. and Harriet (Gatewood) R.; reared on farm. B.S.A., Ohio State Univ., 1924.

Ragsdale, Arthur C., prof. dairy husb., Univ. Mo., Columbia, Mo.

Instr. an. husb., Rutgers Coll., 1913-5; instr. and asst. prof. dairy husb., W. Va. Univ., 1915-6; ext. asst. and assoc. prof. dairy husb., Univ. Mo., 1916-9; prof., 1919-; fellow Univ. Wis., 1924-5. —*b.* Aurora, Mo., Oct. 28, 1890; *s.* H. E. and Ida (Money) R.; reared in town and on farm. B.S.A., Univ. Mo., 1912. Alpha Zeta.

Raine, Cyrus Otway, farmer, Hayti, Mo.

Master Mo. State Grange; mem. State Highway Bd. —*b.* Hardin Co., Ky., Sept. 12, 1860; *s.* Thos. Jefferson and Margaretta A. (Mathis) R.; reared in country.

Rainey, Duane F., ext., specialist and res. asst. farm crops, Mich. State Coll., E. Lansing, Mich.

Field rep. Mich. Crop Improvement Assoc. —*b.* Homer, Mich., Nov. 1, 1892; *s.* Thos. R. and Mary E. (Hoffman) R.; reared on farm; *m.* J. Ruth Kintigh, July 20, 1923. B.S., Mich. Agr. Coll., 1920. Lambda Chi Alpha.

Ralston, William Robertson, asst. state club leader, Univ. Calif., Berkeley, Calif.

b. Murfreesboro, Tenn., Feb. 13, 1894; *s.* Alex. M. and Josie (Bivins) R.; reared in country and town; *m.* Faye M. Hopkins, June 20, 1922; *c.* Wm. R. Jr. B.S., Univ. Calif., 1915. Alpha Zeta.

Ramsdell, Charles Henry, lands. arch., 937 Metropolitan Life Bldg., Minneapolis, Minn.

With Warren H. Manning, lands. arch., Cambridge, Mass., 13 yrs. Fellow and pres. Miss. Valley chapter Amer. Soc. Lands. Arch.; vice-pres. Minn. Hort. Soc., 1915. With Army Y. M. C. A., 1917-8; town planner, U. S. Housing Corp., 1918. —*b.* W. Newton, Mass., Oct. 30, 1879; *s.* Thos. Henry and Harriet L. (Pitts) R.; reared in city; *m.* Louise R. Atchison, Dec. 27, 1905; *c.* Robt. Chas., Elizabeth Harriet.

Ramser, Charles Ernest, drainage engin., U. S. Dept. Agr., Box 308, Cape Girardeau, Mo.

Instr. highway engin., Poly. Inst., Brooklyn, N. Y., 1909-11; asst. engin., N. Y. Bd. Water Supply, June-Sept. 1910; chief hydrographer, Knoxville Power Co., Alcoa, Tenn., 1912; drainage engin., U. S. Dept. Agr., 1913-. —*b.* Montezuma, Ia., Nov. 1, 1885; *s.* Paul and Mary (Retz) R.; reared on farm. B.S. in C.E., Univ. Ill., 1909. Sigma Xi; Tau Beta Pi.

Ramsey, Frank Taylor, nurseryman, Austin, Tex.

Ex-pres. Tex. State Hort. Soc., Nut-Growers Soc., State Nurserymens Assoc. —*b.* Burnet Co., Tex., June 15, 1861; *s.* A. M. and Ellen (Taylor) R.; reared on farm; *m.* Annabel Sinclair, Aug. 20, 1884; *c.* J. Murray, Mrs. R. V. Murray, Mrs. C. C. Taylor, Mrs. H. F. Nitchke.

Ramsey, Glen Blaine, path., Bur. Plant Ind., U. S. Dept. Agr., 139 N. Clark St., Chicago, Ill.

Teaching asst. bot., Ind. Univ., 1913-4; instr. bot., Univ. Me., 1914-6; asst. plant path., Me. Exp. Sta., 1916-8; ext. path. in Me. for U. S. Dept. Agr., 1918-9; present position, 1919-. (Potato diseases and market path.). —*b.* Eagletown, Ind., May 21, 1889; *s.* H. W. and Lydia Jane (Stanley) R.; reared on farm; *m.* Vida Louise Sweetser, Oct. 17, 1918. A.B., Ind. Univ., 1913; M.A., 1914. Sigma Xi; Phi Sigma.

Ramsey, Henry J., field manag., Calif. Fruit Growers Exchange, Los Angeles, Calif.

Asst., Univ. Wis., 1903-4; student asst., N. Y. Agr. Exp. Sta., Geneva, 1904-5; asst. plant path., Univ. Calif., 1905-8; asst. prof., 1908-9; pom., Bur. Plant Ind., 1909-17; pom. in chg. handling and storage invests., Bur. Markets, U. S. Dept. Agr., 1917-9; present position, 1919-. —*b.* Hamlin Co., S. D., Dec. 17, 1881; *s.* Chas. E. and Anna (Stordahl) R.; reared on farm and in town; *m.* Emily Florence Jenney, Oct. 28, 1911; *c.* Richard Titus. B.S., S. D. State Coll., 1902; M.A., Univ. Minn., 1903. Sigma Xi.

Ramsower, Harry Clifford, dir. agrl. ext. serv., Ohio State Univ., Columbus, O.

Asst. prof. agron., Ohio State Univ., 1908-13; prof. agrl. engin., 1913-20; present position, 1920-. Sec.-treas. Amer. Soc. Agrl. Engin., 1918-. —*b.* Granville, O., Jan. 6, 1880; *s.* J. N. and Katherine (Graves) R.; reared on farm; *m.* Helen W. Keller, June 9, 1909; *c.* Harry C. Jr., Isabel. B.S.A., Ohio State Univ., 1906; special student engin., 1906-8; grad. student, Harvard Univ., 1924-5. Alpha Zeta.

Rand, Frederick Vernon, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Fellow bot., Columbia Univ., 1913-4; lect. bact., Johns Hopkins Univ., 1923-. Fellow A. A. A. S.; exec. sec. div.

biol. and agr., Nat. Res. Council, 1924. *Ed.* sect. path., Botanical Abstracts, 1922-; assoc. ed. in chief, 1924-. —*b.* Barnet, Vt., Mar. 16, 1883; *s.* Wilbur and Mary Jane (Mellen) R.; reared on farm and in village; *m.* Louva Harmon, Oct. 20, 1908; *c.* Virginia Aileen. B.S., Univ. Vt., 1908; M.S., 1911; Ph.D., Columbia Univ., 1920. Phi Beta Kappa; Alpha Zeta.

Randall, Ethan J., teach. agr. and princ. high-sch., Ellington, N. Y.

Vice-princ. high-sch., Rockaway, N. J., 1913-4; princ. high-sch., Machias, N. Y., 1914-5; Brier Hill, 1917-8; princ. King Ferry Voc. Sch., 1918-24; present position, 1924-. —*b.* Hannibal, N. Y., Aug. 12, 1888; *s.* Fred J. and Cora A. (Randall) Ogram; reared on farm; *m.* Frances Jane Montrose, Aug. 14, 1922. B.S., B.Ped., Syracuse Univ., 1913; grad. student Cornell Univ., 1915.

Randolph, John Wiloughby, asst. prof. agrl. engin., Ala. Poly. Inst., Auburn, Ala.

Instr.. Univ. Ill., 1920; present position, 1921-. Chief machinist mate, U. S. Navy Reserve Force. —*b.* Watseka, Ill., Oct. 18, 1896; *s.* Vol W. and Lillie G. (Hickman) R.; reared on farm; *m.* Orlean Moore, Aug. 9, 1922. B.S.A., Univ. Ill., 1920; M.S., Ala. Poly. Inst., 1922. Alpha Gamma Rho.

Rands, Robert Delafield, plant path. in sugar plant invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Univ. La., 1914; asst. prof. plant path., Cornell Univ., 1917; bot. to Dutch govt. in Java, 1919-21. Mem. U. S. Rubber Comn. to Cent. and S. Amer., 1923; mem. N. Y. Food Comn. Asst. ed. Phytopathology, 1923-5. (Diseases of truck crops, rubber, cinnamon, sugar-cane). —*b.* Falmouth, Ky., Nov. 19, 1890; *s.* Robt. and Frances (Winn) R.; reared on farm; *m.* Minnie Carfield Frost, Dec. 25, 1915; *c.* Frances Eleanor, Robt. D. Jr. B.S., Univ. Neb, 1913; M.S., 1915; Ph.D., Univ. Wis., 1917. Sigma Xi.

Rane, Frank William, consulting agrst. and real estate, W. Palm Beach, Fla., and Waban, Mass.

Hort. and microscopist, W. Va. Exp. Sta., 1892-5; prof. agr., W. Va. Univ., 1893-5; prof. agr. and hort., N. H. A. & M. Coll., 1895-8; prof. hort., 1898-1900; prof. hort. and for., 1900-6; Mass. state for., 1906-19; treas. and agrl. expert, E. Coast Finance Corp., Boston, Mass. and W. Palm Beach, Fla., 1919-21. Fellow A. A. A. S. Mem. Mass. Conservation Comn.; For. Taxation Comn.; Mass. For. Comn.; sec. Soc. Promotion Agrl. Sci., 5 yrs. Del. Intern. Ent. Congress, Oxford, England, and to study the forests of Belgium, Switzerland, Germany and France, 1912. Owner Boston Gardening Co. —*b.* Whitmore Lake, Mich., Dec. 11, 1868; *s.* Wm. B. and Ellen (Connelly) R.; reared on farm; *m.* Elizabeth Bailey, Sept. 6, 1893; *c.* Janet, Fannie, Ainsworth. B.Agr., Ohio State Univ., 1891; M.S., Cornell Univ., 1892. Phi Delta Theta; Alpha Zeta.

Raney, Eugene R., ext. farm engin., N. C. State Coll., Raleigh, N. C.

Teach. Miss. A. & M. Coll., 1915-7; co. agrl. agt., N. C., 1917-9; present position, 1919-. —*b.* Vimville, Miss., Apr. 7, 1893; *s.* W. E. and Margarite (Brewster) R.; *m.* Lucy Jones, 1924. B.S., Miss. A. & M. Coll., 1915; M.S., N. C. State Coll., 1893.

Rankin, Fred Henry, prof. agrl. ext. and asst. dean Coll. Agr., Univ. Ill., Urbana, Ill.

Present position, 1901-. Sec. dept. live-stock, St. Louis Expos., 1904. —*b.* Athens, Ill., May 18, 1865; *s.* Henry B. and Alma (Hurd) R.; reared on farm; *m.* Jenny N. Girty, July 29, 1904. B.S., Ill. Coll., Jacksonville, 1887. Psi Upsilon; Alpha Zeta; Gamma Sigma Delta; Alpha Gamma Rho.

Rankin, John Moses, dir. agrl. ext. dept., Emerson Brantingham Implement Co., Rockford, Ill.

Formerly supt. field sta., U. S. Dept. Agr., Rockville, Md. —*b.* St. Clair, Mich., Oct. 15, 1875; *s.* John and Abigail (Frasier) R.; reared on farm; *m.* Evelyn Irva Willett, May 15, 1905; *c.* John Willett, Irva Josephine. B.S., Mich. Agr. Coll., 1902.

Rankin, John Owen, assoc. prof. rural econ., and sociol., Univ. Neb., Lincoln, Neb.

Chg. information serv., Univ. Minn. and Univ. Mo., Colleges of Agr.; asst. prof., Univ. Wis.; assoc. prof. agrl. econ., Ia. State Coll.; present position, 1918-. —*b.* Tarkio, Mo., Apr. 17, 1884; *s.* T. B. and Edith (Owens) R.; reared on farm. A.B., Tarkio Coll., 1904; B.S.A., Ia. State Coll., 1908; A. M., Geo. Washington Univ., 1912. Delta Upsilon; Gamma Sigma Delta; Delta Sigma Rho; Alpha Zeta.

Rankin, William Howard, assoc. in res. (plant path.), N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Instr. plant path., Cornell Univ., 1912-4; asst. prof., 1914-9; formerly in chg. Dominion Lab. Plant Path., St. Catherines, Ont. *Auth.*: Manual of Tree Diseases, 1918; co-auth. Laboratory Outlines in Plant Pathology, 1916. Fellow A. A. A. S. —*b.* Richmond, Ind., Apr. 3, 1888; *s.* Wm. Thos. and Mary Elizabeth (Cones) R.; reared in city; *m.* Beulah May Hough, Mar. 24, 1911; *c.* Wilbur Hough, Helen Elizabeth, Louise Alice. B.A., Wabash Coll., 1910; Ph.D., Cornell Univ., 1914. Phi Beta Kappa; Sigma Xi.

Ransom, Brayton Howard, chief zool. div., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

U. S. del. to 7th Intern. Zool. Congress, 4th Intern. Fishery Congress. Fellow A. A. A. S.; corresponding mem. Soc. de path. exot. Mem. ed. bd., Journal of Parasitology. (Parasitology, med. zool.). —*b.* Missouri Valley, Ia., Mar. 24, 1879; *s.* Geo. Howard and Martha R. (Roach) R.; reared in town; *m.* Sarah Virginia Smith, May 4, 1904. B.Sc., Univ. Neb., 1899; M.A., 1900; Ph.D., 1908; fellow in zool., Univ. Mo., 1900-1, Univ. Neb., 1901-2; student Geo. Washington Med. Sch., 1902-4. Phi Beta Kappa; Sigma Xi; Beta Theta Pi. (d. Sept. 17, 1925).

Rapking, Aaron Henry, minister, specialist in rural organization ext., W. Va. Univ., Buckhannon, W. Va.

In dept. rural leadership, W. Va. Wesleyan Coll., 1919-22. Mem. exec. com. State Council of Religious Educ. —*b.* Hannibal, O., Apr. 15, 1886; *s.* Henry and Caroline (Berger) R.; reared on farm; *m.* Emma Poorman, Dec. 26, 1912; *c.* Aaron H. Jr., Morrell Edward, Glenn Hugh, Ella Margaret. A.B., Baldwin-Wallace Coll.; B.D., Garrett Biblical Inst., 1914.

Rapp, Charles Workman, assoc. prof. hort. and asst. hort. Exp. Sta., Univ. Ark., Fayetteville, Ark.

Formerly asst. prof. hort., Okla. A. & M. Coll. Sec. Okla. State Hort. Soc., 1919-20. In U. S. Army, 1917-9. —*b.* Smithland, Ia., Dec. 17, 1895; *s.* John and Emma (Swiekheimer) R.; reared in town and on farm; *m.* Leona White Abercrombie, Aug. 16, 1917. B.S., Okla. A. & M. Coll., 1915; M.S., 1919. Alpha Zeta; Phi Kappa Phi; Kappa Sigma.

Rapp, Eli Miller, co. supt. schs., Reading, Pa.

Pres. rural dept., Nat. Educ. Assoc. (Rural educ.). —*b.* Oley, Pa., Mar. 20, 1865; *s.* Amos and Louise (Miller) R.; reared on farm and in village; *m.* Annie S. Merkel, 1886; *c.* Herbert M., Scott M., Mrs. Willard Baer.

Rasmussen, Frederik, sec. Nat. Assoc. Ice-Cream Manufacturers, Harrisburg, Pa.

Asst. dairying, Purdue Univ., 1904-6; asst. prof., Ia. State Coll., 1906-7; assoc. prof., N. H. A. & M. Coll., 1907-9; prof., 1909-16; prof. dairy husb., Penn. State Coll., 1916-9; sec. of agr. of Pa., 1919-23; pres. Pa.-Md. Joint Stock Land Bank, 1923-5; present position, 1925-. Del. to 6th Intern. Dairy Congress, Berne, Switzerland. Pres. Official Dairy Instrs. Assoc.; pres. N. H. Sanitary Milk Assoc.; sec. Granite State Dairymens Assoc.; mem. U. S. Food Admins. of Pa.; vice-pres. Worlds Dairy Congress Assoc.; trustee Penn. State Coll.; mem. Penn. State Council Educ. —*b.* Osterheden, Hals, Denmark, July 18, 1876 (naturalized 1912); *s.* Nels and Kirstine (Jensen) R.; reared on farm; *m.* Faith Elliott, Oct. 2, 1919. B.S.A., Ia. State Coll., 1905. Alpha Zeta; Alpha Tau Alpha; Phi Kappa Phi.

Rathbone, Rosalie Virginia, assoc. prof. home econ., Univ. Ga., Athens, Ga.

Teach. hist. and home econ., high-sch., Conroe, Tex., 1911-3; teach. clothing, N. Tex. State Teach. Coll., 1913-7; present position, 1918-. —*b.* Denton, Tex., Apr. 23, 1891; *d.* John Kyler and Myrtle (Petty) R.; reared in town. Grad. Coll. Ind. Arts, 1911; B.S., Columbia Univ., 1918.

Raut, Alfred, co. agrl. agt., Edwardsville, Ill.

Bank clerk, 1891-9; general farmer, Hoopeston, Ill., 1899-1911; dem. agt. Nottoway and Amelia cos., Va., 1914-7; formerly distr. agrl. agt., Piedmont, Mo. (Dairy husb.). —*b.* St. Louis, Mo., Feb. 17, 1874; *s.* Julius Rautenstrauch and Anna (Nictor) R.; reared in city; *m.* Lillie Maud Bowen, Sept. 10, 1899 (d. 1911); 2d, Ellenora Lee Silger, Dec. 23, 1918; *c.* Earle, Anna Caroline. B.S., Univ. Ill., 1914.

Raven, Ralph Stiles, instr. agr., Lasseu Union High-Sch., Susanville, Calif.

Foreman Hunt Bros. Co., 1915; farmer, 1916-20; teach. agr., 1920-. Traveled in Japan and China, 1917. (Hort.). —*b.* San Jose, Calif., Jan. 11, 1890; *s.* Hamilton S. and Almira J. (Baker) R.; reared on ranch; *m.* Elizabeth Lacy, 1917; *c.* Elizabeth Lacy, Robt. Lacy. B.S., Univ. Calif. Delta Sigma Phi.

Rawl, Bernard Hazelius, asst. general manag., Golden State Milk Products Co., San Francisco, Calif.

Instr. an. husb. and dairying, Clemson Agr. Coll., 1902-5; in chg. dairy farming invests., Dairy Div., 1905-9; chief, 1909-18; asst. chief of Bur., 1918-21; present position, 1921-. Mem. Bd. Trustees, Clemson Agr. Coll. —*b.* Lexington, S. C., May 2, 1876; *s.* Benj. and Margaret (Souter) R.; reared on farm; *m.* Mary Bunting, Jan. 11, 1912. B.S., Clemson Agr. Coll., 1900.

Ray, Glenn Scott, assoc. agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr., Spokane, Wash.

Instr. farm crops, Univ. Ida., 1915-6; head dept., 1916-8; emergency co. agt., Adams Co., Wash., Mar.-June, 1918; ext. agron., Colo. Agr. Coll., 1918-9; present position, 1919-. —*b.* Osceola, Neb., Sept. 17, 1890; *s.* Grant T. and Lizzie B. (Henderson) R.; reared in town. B.S.A., Colo. Agr. Coll., 1915. Alpha Zeta; Alpha Tau Omega.

Ray, Laura Monroe, home dem. agt., Lowville, N. Y.

b. Manley, N. C., Jan. 6, 1897; *s.* Niven Worthy and Mary Catherine (Ray) R.; reared on farm and in town. B.S., Flora Macdonald Coll., 1920; Columbia Univ., 1923.

Raymond, Clinton Beaumont, co. agrl. agt., Penn Yan, N. Y.

Farmer, 1913-6; teach. agr., high-sch., Greigsville, N. Y., 1916-8; agrl. agt. Allegany Co., 1918-23; Yates Co., 1923-. —*b.* Penfield, N. Y., Jan. 5, 1889; *s.* Chas. Clinton and Francella Elizabeth (Smith) R.; reared on farm; *m.* Lonnelle Lovejoy, July 2, 1919. B.S., Cornell Univ., 1913.

Read, John William, prof. and head dept. agrl. chem. and chem. Exp. Sta., Univ. Ark., Fayetteville, Ark.

Prof. chem. and agr., Ill. Coll., Jacksonville, 1908-10; asst. chem., Univ. Ill., 1912-5; prof. sci., State Teach. Coll., Gunnison, Colo., 1915-6; prof. chem. and physics, State Teach. Coll., Hays, Kans., 1916-8; present position, 1918-. —*b.* Mexico, Mo., Jan. 31, 1882; *s.* Granville and Mary Ellen (Burns) R.; reared on farm; *m.* Olive Elizabeth Olander, Aug. 28, 1916. B.S.A., Univ. Mo., 1907; M.S.A., 1908; fellow Univ. Ill., 1910-2. Alpha Zeta; Alpha Chi Sigma.

Read, Otis B., state sec. Y. M. C. A. rural work, Concord, N. H.

b. Plainfield, N. H., June 7, 1884; *s.* Geo. F. and Mary Annie (Chute) R.; reared on farm; *m.* Minnie Jane MacGillvary, Oct. 17, 1909; *c.* Otis B. Jr., Margaret Annie, Grace Minnie, Florence B. A.B., Colby Coll., 1909. Alpha Tau Omega.

Reading, Bashford Watts, teach. voc. agr., high-sch., W. Alexandria, O.

Manag. hog farm, 1920-3; present position, 1923-. —*b.* Delaware, O.,

June 30, 1895; reared on farm and in town; *m.* Rebecca Dick, Mar. 27, 1917; *c.* Anne Louise. B.S., Ohio State Univ., 1920. Alpha Zeta.

Reasoner, Egbert Norman, nurseryman, florist, fruit-grower, Oneco, Fla.

Past-pres. Oneco Citrus Assoc., Pearce Drainage Comn. Traveled in Europe, W. Indies, Australia, N. Zeal., S. Sea Isls. Introducer trop. and subtrop. plants. —*b.* Princeton, Ill., May 24, 1869; *s.* Henry Chapman and Ellen Mary (Ward) R.; reared in country; *m.* Sarah Anderson, Oct. 2, 1895; *c.* Norman Anderson, Julia.

Reaugh, Harry W., manag. Irrig. Co., Neppel, Wash.

Nurseryman and orchardist, 1908-15; co. agrl. agt., Ephrata, Wash., 1915-8; manag. Grant Realty Co., 1918; co. food adminis., 1918. —*b.* Murrayville, Ill., July 21, 1881; *s.* Daniel L. and Ida (McKee) R.; reared on farm; *m.* Anna Magnuson, Sept. 24, 1908; *c.* Daniel M., Orland H., Myrl A., Dorothy E. B.S., Wash. State Coll., 1908. Alpha Zeta.

Recknagel, Arthur Bernard, prof. for., Cornell Univ., Ithaca, N. Y.

Present position, 1913-. Study and travel in Europe, 1 yr. Consulting for., Empire State For. Products Assoc.; mem. War Com., Soc. Amer. For.; mem. Wood Fuel Adv. Com., State of N. Y. Mem. Hdqrs. Co., 3d Brigade, N. Y. Guard. *Auth.*: The Theory and Practice of Working Plans, 1913 (2d ed., 1917); (with Bentley) Forest Management, 1919; The Forests of New York State, 1923. *Ed.*, Forestry Quarterly, now Journal of Forestry, 1913-. —*b.* Brooklyn, N. Y., Dec. 15, 1883; *s.* John Hermann and Marie (Westerman) R.; reared in city and on farm; *m.* Mary Thomas Miller, Aug. 25, 1909; *c.* Bernard Westerman, Thos. Miller. B.A., Yale Univ., 1904; M.F., 1906. Sigma Xi.

Records, Edward, res. prof. vet. sci. and dir. State Vet. Control Serv., Univ. Nev., Reno, Nev.

Prof. vet. sci. and farm hygiene, Nat. Farm Sch., 1910-1; 1st asst., Lab. Pa. Live Stock Sanitary Bd., 1910-1; bact., H. K. Mulford Co., Glenolden, Pa., 1911-4; asst. bact., Nev. Agr. Exp. Sta., 1914-8; present position, 1918-. —*b.* Los Angeles, Calif., Mar. 15, 1886; *s.* Edward and Helen (Lee) R.; reared in city and on farm; *m.* Louise Cecelia Rivers, May 17, 1911; *c.* Helen Louise, Edward Jr., Margaret Elizabeth. Ruth Viola. V.M.D., Univ. Penn., 1909. Omega Tau Sigma.

Reddick, Donald, prof. plant path., Cornell Univ., Ithaca, N. Y.

Asst. bot., Cornell Univ., 1905-7; asst. plant path., 1907-8; instr., 1908-9; asst. prof., 1909-11; prof., 1911-. Fellow A. A. A. S. *Ed.*, Phytopathology, 1915-8; path. sect., Botanical Abstracts, 1918-20; chm. Bd. of Control, 1918-. —*b.* Sheridan, Mo., Mar. 1, 1883; *s.* Elias Albert and Anna (Boone) R.; reared on farm; *m.* Emma Brill, Oct. 19, 1909; *c.* Robt. Brill, Emma Louise, Anna Elizabeth. A.B., Wabash Coll., 1905; Ph.D., Cornell Univ., 1909. Sigma Xi; Gamma Alpha.

Redman, Ralph Woodbury, asst. dir. ext. serv., Mass. Agr. Coll., Amherst, Mass.

Instr. and asst. prof., Univ. Me., 1910-3; asst. dir. ext., 1914-6; with Off. Ext. Work, N. & W., U. S. Dept. Agr., 1916-8; present position, 1919-. Sec. Me. Livestock Breeders Assoc., 1910-6. —*b.* Presque Isle, Me., June 5, 1885; *s.* Fred Leslie and Anne (Sanderson) R.; reared on farm; *m.* Grace MacFarland, Oct., 1910; *c.* Ruth S., Doris H., Leslie M., Anne M. B.S., Univ. Me., 1912. Alpha Zeta; Phi Kappa Phi; Phi Eta Kappa.

Reece, Oscar R., teach. voc. agr., Buckner Orphans Home, Dallas, Tex.

b. Leonard, Tex., Apr. 2, 1890; *s.* E. D. and Fannie (Bullock) R.; reared on farm; *m.* Helen Bullock, Jan. 30, 1916; *c.* John Bullock, Jesse Alan, Billie, Sue. A.B., Baylor Univ., 1923; B.S., Tex. A. & M. Coll., 1924.

Reed, Charles Dana, meteorologist, U. S. Weather Bur. and dir. Ia. Weather and Crop Serv., Des Moines, Ia.

Asst. in chg. coll. farm, Ia. State Coll., 1895-6; asst. in chg. field crops, Ia. Exp. Sta., 1897. (Climatology, effect of weather on crops, crop statistics and estimates). —*b.* near Coon Rapids, Ia., Feb. 27, 1875; *s.* Dana and Alice C. (Webber) R.; reared on farm; *m.* Elmeta C. McGuire, Sept. 12, 1897; *c.* Chas. Dana Jr., Charlotte. B.Agr., Ia. State Coll., 1894; M.Sc. Agr., 1896.

Reed, Chester Otis, prof. agrl. engin., Ohio State Univ., Columbus, O.

Instr. farm mech., Univ. Ill., 1911-7; agrl. rep. Geo. Batten Co., N. Y., 1917-8; advertising manag. Samson Tractor Co., 1919; head bur. invest. and res., 1920-1; div. sales manag., 1922. —*b.* Rochester, N. Y., July 26, 1885; *s.* Avery L. and Carra (Otis) R.; reared on farm; *m.* Helen Gertrude Agate, June 30, 1914; *c.* Barbara A., Joan S. B.S., Univ. Ill., 1911. Alpha Zeta; Alpha Gamma Rho; Gamma Alpha.

Reed, Clarence Arthur, assoc. pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Md. Agr. Coll., 1906-7; hort., W. Va. Exp. Sta., Sept.-Dec. 1907; present position, 1907-. —*b.* Howell, Mich., Jan. 23, 1880; *s.* Hiram Elmer and Rebecca Eliza (Tubbs) R.; reared on farm; *m.* Katherine McNaughton, Nov. 23, 1910. B.S., Mich. Agr. Coll., 1905; M.Hort., 1914.

Reed, Clarence Moses, prof. agron., high-sch., Granite Hill, Ga.

b. Lavonia, Ga., Jan. 27, 1900; *s.* Thos. Henry and Lucy (Fleming) R.; reared on farm. B.S.A., Univ. Ga., 1924.

Reed, Earle G., agrl. agt., Chicago, Burlington and Quincy R. R. and Colo. and Southern R. R., 464 Railway Exchange Bldg., Denver, Colo.

Formerly co. agrl. agt., Cheyenne, Wyo. —*b.* Chicago, Ill., Dec. 2, 1890; *s.* Harry G. and Marion H. (Hoagland) R.; reared in city and on farm. Studied 3 yrs., Colo. Agr. Coll. Sigma Delta.

Reed, Everett P., asst. prof. farm crops, Ohio State Univ., Columbus, O.

Teach. rural sch., Putnam Co., O., 1907-9; asst. agron., N. Y. State Exp. Sta., 1914-8; agrl. agt., Champaign Co., O., 1918-21. —*b.* Gilboa, O., Feb. 15, 1889; *s.* John M. and Ada (Crawfis) R.; reared on farm; *m.* Frances L. Laibe, Aug. 29, 1916; *c.* Frances Rosemary, Robt. Laibe. B.S., Ohio State Univ., 1914.

Reed, Frederick James, co. agrl. agt., Kingwood, W. Va.

In Air Serv., U. S. Army, 18 mos. (Soils). —*b.* Volant, Pa., Oct. 3, 1893; *s.* Jas. H. and Mary M. R.; reared on farm. B.S., Univ. Ill., 1917. Alpha Zeta.

Reed, George Matthew, curator of plant path., Brooklyn Bot. Gard., Brooklyn, N. Y.

Prof. sci., Amity Coll., 1900-3; asst. bot., Univ. Wis., 1904-7; instr., 1907; asst. prof. bot., Univ. Mo., 1907-12; prof., 1912-8; path., Bur. Plant Ind., U. S. Dept. Agr., 1919-20; present position, 1921-. —*b.* Ingleside, Pa., May 2, 1878; *s.* Robt. and Mary (Walkinshaw) R.; reared on farm; *m.* Agnes Lymer, June 12, 1902. A.B., Geneva Coll., 1900; A.M., Univ. Wis., 1904; Ph.D., 1907.

Reed, George Xenophon, Dave Peck Seed Co., Evansville, Ind.

Co. agrl. agt., Ind., 3 yrs.; pres. Ind. Co. Agts., 1918-9. Lieut.-Col. Liberty Guards, Ind. (Soils). —*b.* Masonville, Ia., Aug. 26, 1889; *s.* S. E. and Minnie (Herrington) R.; reared on farm. B.S.A., Ia. State Coll., 1917. Gamma Sigma Delta.

Reed, Harry E., assoc. prof. an. husb. in chg. sheep invests., Kans. State Agr. Coll., Manhattan, Kans.

Foreman Wardmere Farms, Macon, Mo., 1913-4; manag. 1914-7, 1919-21; ext. serv., Kans. State Agr. Coll., 1921; asst. prof. an. husb., Univ. Ark., 1921-2; present position, 1922-. Capt. U. S. Army, A. E. F. —*b.* Atchison, Kans., Aug. 31, 1892; *s.* Fred M. and Alice (Glaze) R.; reared in town; *m.* Florence Evans, Dec. 29, 1921. B.S.A., Univ. Mo., 1914.

Reed, Harry James, asst. dir. and farm dir., Purdue Univ. Exp. Sta., LaFayette, Ind.

Asst. hort., Purdue Exp. Sta., 1911; general manag. S. Ind. Orchards Co., 1912; co. agt., Rockville, 1913-6; assoc. hort., Purdue Exp. Sta., 1916-7; asst. dir., 1917-; farm dir., 1918-. (Farm manag.). —*b.* Edgar Co., Ill., Feb. 9, 1887; *s.* J. H. and Julia (Smith) R.; reared on farm and in town; *m.* Julia M. Heick, Apr. 24, 1915. Purdue Univ., 1911. Phi Gamma Delta.

Reed, Hiram Richard, asst. agron. Off. Forage Crop Invests., U. S. Dept. Agr., McNeill, Miss.

Asst. dry-land agr., U. S. Dept. Agr., Garden City, Kans., 1908-10; agrl. insp., Philippine Serv., 1910-4; sci. asst. and asst. agron. in forage crop invest., Bard, Calif., 1914-21; McNeill, Miss., 1921-. Traveled around world. —*b.* Centralia, Kans., Jan. 4, 1886; *s.* John I. and Lydia (Chamberlin) R.; reared on farm. B.S.A., Kans. State Agr. Coll., 1907.

Reed, Howard Sprague, prof. plant physiol., Univ. Calif., Riverside, Calif.

Instr. bot., Univ. Mo., 1903-6; soil chem., Bur. Soils, U. S. Dept. Agr., 1906-8; prof. mycology and bact., Va. Poly. Inst., 1908-15; plant path., Va. Exp. Sta., 1908-15; present position, 1915-. Fellow A. A. A. S. Traveled in Europe, 1913. *Auth.*: Manual of Bacteriology, 1914. —*b.* North East, Pa., Aug. 6, 1876; *s.* Joseph H. and Emma Gertrude (Sprague) R.; reared on farm; *m.* Hannah M. Dewey, Aug. 17, 1904. A.B., Univ. Mich., 1903; Ph.D., Univ. Mo., 1907. Sigma Xi.

Reed, Jarvis Joe, teach. agr., high-sch., Ridgeway, Mo.

2d Lieut. O. R. C., U. S. Army. —*b.* Springdale, Ark., Oct. 11, 1898; *s.* Louis Jarvis and Elizabeth Rebecca (Keicher) R.; reared on farm; *m.* Jo Beverly Clements, Dec. 25, 1922. B.S.A., Univ. Mo.

Reed, Ollie Ezekiel, prof. dairy husb., Mich. State Coll., E. Lansing, Mich.

Asst. dairying, Univ. Mo., 1908-9; instr. milk production, Purdue Univ., 1909-10; asst. prof. dairy husb. in chg. dairy dept., Kans. State Agr. Coll., 1910-1; prof., 1911-8; prof. dairy husb., Purdue Univ., 1918-20; rep. French Comn. purchasing cattle for France, summer 1919; manag. Gossard Breeding Estates, 1920-1; present position, 1921-. Vice-pres. Amer. Dairy Sci. Assoc., 1920, 1923-4. Traveled British Isles, 1923. —*b.* Fayette, Mo., Aug. 19, 1885; *s.* W. L. and Annie E. (Manion) R.; reared on farm and in city; *m.* Lucy Ann Lee, June 8, 1910; *c.* Rosa Lee, Olive E., Wilbur Jackson. B.S., Univ. Mo., 1908; M.S., 1910. Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta; Sigma Phi Epsilon.

Reed, Thomas Cleveland, distr. manag. Chapin-Sacks Corporation, Greensboro, N. C.

Grad. asst., Univ. Mo., 1912-4; instr., 1915-6; assoc. prof. dairying, N. C. State Coll., 1916-7; prof., 1917. —*b.* Howard Co., Mo., Jan. 2, 1888; *s.* Wm. L. and Annie E. (Manion) R.; reared in country and town; *m.* Gale B. Scott, Oct. 1, 1914; *c.* Scott, Thos. C. Jr. B.S., Univ. Mo., 1913; M.A., 1914. Gamma Sigma Delta.

Reed, Walter R., farmer, Box 747, Fargo, N. D.

Treas. Amenia and Sharon Land Co., Red River Valley, N. D., 1893-1912; pres. and gen. manag., 1912-; pres. John Miller Co., grain comn., Minneapolis and Duluth. Mem. exec. com., N. D. Farm Bur. Fed., 1922-, treas., 1923-. Mem. bd. trustees, State Normal Sch., Valley City, 1905-9; N. D. Agr. Coll., 1915. (Farm rental systems and contract forms). —*b.* Ellsworth, Conn., July 2, 1871; *s.* John H. and Florence (Chaffee) R.; reared on farm; *m.* Inetta Gowland, June 29, 1898; *c.* Eleanor, Elizabeth.

Reeves, George I., assoc. ent., U. S. Dept. Agr., 1466 Edison St., Salt Lake City, Utah.

Asst. ent., Univ. Mo., 1903-4. —*b.* Morris, Ill., Mar. 4, 1879; *s.* D. A. and Eva Lucy (James) R.; reared on farm; *m.* Miriam Welles, Apr. 14, 1906. B.A., Univ. Ill., 1902.

Reeves, Richard E., teach. voc. agr., high-sch., Cape May, N. J.

Farm manag. and owner. Teach. public schs., 1898-. (Hort.). —*b.* Cold Spring, N. J., Sept. 1, 1877; *s.* Courtland and Miranda (Edmunds) R.; reared on farm; *m.* Elsie Oliver, Apr. 1, 1901; *c.* Eleanor E. Grad. N. J. State Normal.

Regan, Stephen Alvin, asst. manag. Pacific Seed House, wholesale field seeds, Salt Lake City, Utah.

State seed comnr. of Ida., 1914; formerly grain superv., Bur. Markets, U. S. Dept. Agr.; commerical grain and seed work, Caldwell Flour Mills, Caldwell, Ida. —*b.* Boise, Ida., Apr. 30, 1893; *s.* Morgan and Lillian (Blackinger) R.; reared in town; *m.* Ruth Motie, Oct. 7, 1916. B.S.A., Univ. Ida., 1914. Kappa Sigma.

Regan, William Michael, assoc. prof. an. husb., Univ. Calif., Davis, Calif.

Asst. dairy husb., Univ. Mo., 1912-3; instr., 1913-5; asst. prof., Univ. Nev., 1916-7; prof. dairy husb., Rutgers Coll., 1917-22; present position, 1922-. —*b.* Joplin, Mo., Feb. 18, 1884; *s.* Wm. H. and Clara (Smith) R.; reared on farm. B.S., Univ. Mo., 1912; A.M., 1914. Sigma Xi; Gamma Sigma Delta; Gamma Alpha.

Regenbrecht, Edward Michael, assoc. prof. an. husb., Tex. A. & M. Coll., College Station, Tex.

With Swift & Co., Ft. Worth, Tex., 1918; instr. an. husb., Tex. A. & M. Coll., 1918-21; asst. prof., 1921-2; assoc. prof., 1922-. (Sheep and goat husb.). —*b.* Bellville, Tex., Oct. 24, 1894; *s.* R. and Valeska (Engelking) R.; reared on farm; *m.* Erna Preibisch, Aug. 1, 1923; *c.* Douglas Edward. B.S., Tex. A. & M. Coll., 1918; M.S., 1922.

Rehling, Charles Henry, co. agrl. agt., Breese, Ill.

Supt. Brookwater Farm, Ann Arbor, Mich., 1915-6; supt. State Hospital farm, Pontiac, 1916-8. —*b.* Waterloo, Ill., Sept. 1, 1890; *s.* Fred C. and Minnie (Susewind) R.; reared on farm; *m.* Olinda L. Ruch, Sept. 21, 1915; *c.* Chas. Conrad, Dorothy, Fred. B.S., Univ. Ill., 1915. Alpha Zeta.

Reid, Duncan Henry, prof. and head dept. poultry husb., Tex. A. & M. Coll., College Station, Tex.

Asst. prof. poultry, Univ. Wis., 1919-23; present position, 1923-. —*b.* Wis., Feb. 19, 1881; *s.* Andrew and Sarah (Chapman) R.; reared on farm; *m.* Hattie M. Ambler, June 17, 1908; *c.* Andrew Forest, Irvin Ambler. M.S., Univ. Wis., 1922.

Reid, Robert Chester, farmer, Dexter, N. Mex.

Pres. Chaves Co. Farm and Livestock Bur.; pres. N. Mex. State Farm and Livestock Bur. Mem. N. Mex. State Tax Comn.; legal adv. to Governor. Served as private, Spanish-Amer. War; Capt. Inf., World War. —*b.* Etna Green, Ind., Dec. 24, 1876; *s.* John M. and Mary C. (Iden) R.; reared in town; *m.* Gertrude E. Humann, Jan. 23, 1906; *c.* John H., Robt. C. L.B., Univ. Indianapolis.

Reid, T. Roy, asst. dir. agrl. ext., Univ. Ark., 310 Donaghey Bldg., Little Rock, Ark.

Teach. agr. and sci., Clinton Coll., Ky., 1912-3; State Agrl. Sch., Monticello, Ark., 1913-7; agrl. agt., Drew Co., 1917-8; ext. specialist, 1919-23; present position, 1923-. —*b.* Gowensville, S. C., Aug. 26, 1889; *s.* H. S. and Mary (Foster) R.; reared on farm; *m.* Bertha B. Smith, Dec. 22, 1912; *c.* T. Roy Jr. B.S., Clemson Agr. Coll., 1912.

Reimer, Frank Charles, supt. S. Ore. Exp. Sta., Talent, Ore.

Asst. hort., Fla. Exp. Sta., 1903-5; asst., assoc., and prof. hort., N. C. A. & M. Coll., 1905-11; present position, 1911-. Traveled in Orient, 1917, 1919, to study and collect oriental pears. (Sulfur as fertilizer for legumes; pears). —*b.* Stevensville, Mich., Sept. 4, 1881; *s.* Chas. and Emilia R.; reared on farm; *m.* Annie Bellows, July 26, 1906; *c.* Lillian. B.S., Mich. Agr. Coll., 1903; M.S., Univ. Fla., 1905.

Reiner, Louis Samuel, co. agrl. agt., Ellenville, N. Y.

Instr. agron. and an. husb., Baron de Hirsch Agrl. Sch., 1914-5; teach.

agr., Marshall Township High-Sch., Ill., instr. voc. agr., Taylorville, Ill., 1915-20; special co. agt. in Sullivan an Ulster cos. for work with Jewish farmers, 1920-. —*b.* Colchester, Conn., Nov. 5, 1891; *s.* Samuel and Tina (Robens) R.; reared on farm; *m.* Bertha Brailove, Sept. 13, 1915; *c.* Helen Claire, Gladys L., Chas. Brailove. B.S., Conn. Agr. Coll., 1914.

Reinhardt, Edna, home dem. agt., Graham, N. C.

b. Lincoln Co., N. C., Dec. 14, 1882; *s.* John Fomey and Phibeta (Smith) R.; reared on farm. Student N. C. Coll. for Women.

Reinking, Otto A., prof. plant path. and plant path. Exp. Sta., Coll. Agr., Univ. Philippines, Los Banos, Laguna, P. I.

Dir. agr., Mid Pacific Inst., Honolulu, Hawaii, 1913; farmer and hort., Md. and Va., 1914; instr. bot., Colo. Agr. Coll. and asst. bot. Exp. Sta., 1915-6; from asst. prof. to prof. plant path., Univ. Philippines, 1916-. Collaborator, U. S. Dept. Agr. in China, Siam and the East. Contr. ed., Philippine Journal of Science. —*b.* Madison, Wis., Feb. 11, 1890; *s.* J. J. and L. (Bierbach) R.; reared in city. B.S.A., Univ. Wis., 1912; M.S., 1915. Alpha Zeta.

Reisner, John Henry, dean Coll. Agr. and For. and dir. Exp. Sta., Univ. Nanking, Nanking, China.

Educ. and ind. serv. sec., Y. M. C. A., New Haven, Conn., 1911-3: asst. farm crops, Cornell Univ., 1913-4; present position, 1914-. —*b.* Fredericksburg, Va., Aug. 27, 1888; *s.* Jacob G. and Henrietta (Hartman) R.; reared in town; *m.* Bertha Betts, Aug. 10, 1914; *c.* Jessie Henrietta, John H. Jr., Sherwood Hartman. B.A., Yale Coll., 1911; M.S.A., Cornell Univ. Beta Theta Pi.

Reist, Henry Nissley, co. agrl. agt., Warren, Pa.

Instr. agr., high-sch., Amboy, Minn., 1913-5; present position, 1915-. —*b.* Mount Joy, Pa., Nov. 29, 1890; *s.* E. G. and Fianna (Nissley) R.; reared on farm. B.S., Penn. State Coll., 1913. Delta Tau Delta.

Reitz, William Walter, assoc. prof. agrl. educ., Univ. Ga., Athens, Ga.

Instr. soils, Penn. State Coll., 1911-2; instr. agr., high-sch., Jarrettsville, Md., 1912-4; superv. agr., high-sch., Mercer, Pa., 1914-7; dir. and superv. agr., high-sch., Spring Mills, Pa., 1917-20; teaching fellowship, Cornell Univ., 1920-2; present position, 1922-. —*b.* Friedens, Pa., May 2, 1885; *s.* Christ and Julian (Livingstone) R.; reared on farm; *m.* Ruth Irene Thomas, Dec. 28, 1912. B.S., Penn. State Coll., 1911; M.S., 1914. Alpha Gamma Rho; Phi Delta Kappa.

Remsberg, John Homer, farmer and dairyman, Middletown, Md.

Del. to Md. State Grange, 1919; master Middletown Valley Grange. Ensign, Naval Aviation, 15 mos. (Livestock). —*b.* Middletown, Md., Feb. 15, 1897; *s.* Albert S. and Clara (Routzalin) R.; reared on farm. B.S., Md. State Coll., 1918. Sigma Phi Sigma.

Repp, Benjamin H., co. agrl. agt., Auburn, Ind.

Princ. high-sch., 1914-9; agrl. agt. DeKalb Co., 1919-. Served in U. S. Army, 1917-8. —*b.* Tiffin, O., Aug. 18, 1887; *s.* Chas. and Alwilda B. (Rhees) R.; reared on farm; *m.* Bernice A. Luckey, June, 1921; *c.* Robt. Luckey. B.S., Ohio State Univ., 1914.

Rettger, Leo Frederick, prof. bact., Yale Univ., New Haven, and bact. Storrs Agr. Exp. Sta., Storrs, Conn.

Asst. bact., Ind. Univ., 1897-1900; instr. bact., Yale Univ., 1902-6; asst. prof., 1906-19; prof. 1919-; lect. bact., Wesleyan Univ., 1917-8; invest. in an. diseases, Storrs Agr. Exp. Sta., 1909-. Pres. Soc. Amer. Bact., 1917-8. *Auth.*: Intestinal Flora, 1920.—*b.* Huntingburg, Ind., Mar. 17, 1874; *s.* Henry J. and Mary (Woellner) R.; reared in city; *m.* Clara S. Snyder, June 1903; *c.* Jas. F. B.A., Ind. Univ., 1896; M.A., 1897; Ph.D., Yale Univ., 1902; student, Univ. Strasburg, 1903-4. Sigma Xi; Phi Gamma Delta.

Reynolds, Arthur Pierce, co. agrl. agt., Helena, Ark.

Princ. high-sch., Crossett, Ark., 1903-5; princ. Stone Co. Acad., Mt. View, 1905-7; in mercantile business, El Dorado, 1907-11; agrl. agt. Union Co., 1911-3; Arkansas Co., 1914-8; Prairie Co., 1919; Cross Co., 1920-4; Phillips Co., 1924-. Sec. Hazen Marketing Assoc., Hazen, Ark. —*b.* near El Dorado, Ark., Dec. 27, 1877; *s.* Anthony and Mary Emma (Pendleton) R.; reared on farm; *m.* Lucy Lenora McCurry, June 12, 1907. A.B., Hendrix Coll., 1903.

Reynolds, Charles J., dir. weights and measures, Dept. Farms and Markets, Albany, N. Y.

With State Bur. Weights and Measures, 1914-. Expert on horses. —*b.* Albany, N. Y., July 23, 1864; *s.* Thos. and Ann (Farley) R.; reared in city; *m.* Cecelia Frances Kelly, Nov. 18, 1896; *c.* Helen Rose.

Reynolds, Elbert Brunner, chief div. agron., Tex. Agr. Exp. Sta., College Station, Tex.

Instr. agron., Tex. A. & M. Coll., 1915-7; asst. prof., 1917-8; formerly agron. and supt. Exp. Sta., Angleton, Tex. Farmer, Apache, Okla., 1909-11. —*b.* Moseley's Bluff, La., Dec. 1, 1890; *s.* Frank McCormick and Gertrude Arrondelle (Hester) R.; reared on farm. B.S., Okla. A. & M. Coll., 1914; M.S., Ia. State Coll., 1915. Alpha Zeta.

Reynolds, Ernest Shaw, prof. bot., plant physiol., and plant path., N. D. Agr. Coll., Agricultural College, N. D.

Asst. prof. bot., Univ. Tenn., 1909-12; present position, 1912-. Special agt., Off. For. Path., U. S. Dept. Agr., summer 1911; special agt., white pine blister rust, Minn., summer 1916; special agt., citrus canker eradication, Fla., summer 1917; special agt., Plant Disease Survey, U. S. Dept. Agr. on potato wart, summer 1919. Fellow A. A. A. S. —*b.* Glendale, Mont., Dec. 7, 1884; *s.* Henry Sheldon and Frances Adelia (Potter) R.; reared in city; *m.* Ruth Evelyn Caverly, Sept. 3, 1912; *c.* Eleanor Frances, Ernest S. Jr. Ph.B., Brown Univ., 1907; A.M., 1907; Ph.D., Univ. Ill., 1909. Sigma Xi; Phi Kappa Phi; Gamma Alpha.

Reynolds, Lucile Winifred, state home dem. leader, Mass. Agr. Coll., Amherst, Mass.

Head home econ. dept., La Crosse Co. Agrl. Sch., Wis., 1909-13; superv. home econ., public schs., Madison, 1913-6; teach. home econ., high-sch., Missoula, Mont., 1916-7; co. and state ext. work, 1917-20; present position, 1921-. Chm. ext. sect., Amer. Home Econ. Assoc., 1924. —*b.* Jacksonport, Wis., Aug. 16, 1886; *d.* Thos. and Jennie (Foley) R.; reared on farm. Grad. Stout Inst., Menomonie, Wis., 1909; Univ. Minn., 1921. Phi Omicron Upsilon.

Reynolds, Myron Herbert, prof. vet. med., Univ. Minn., St. Paul, Minn.

Present position, 1893-. Mem. Minn. State Live-Stock Sanitary Bd., 1903-; Minn. Stallion Registration Bd., 1907-; Intern. Comn. on Control Bovine Tuberculosis. *Auth.:* Veterinary Studies for Agricultural Students, 8th ed. 1921. —*b.* Wheaton, Ill., Nov. 5, 1865; *s.* Gardner W. and Mary A. (Budd) R.; reared in village; *m.* Eva M. Kuhn, 1893; 2d, May I. Shaw, Mar. 31, 1897; *c.* Gardner Shaw, Mary Janet, Robt. Thos., Margaret Shaw. B.S., Ia. State Coll., 1886; D.V.M., 1889; M.D., Ia. Coll. Physicians and Surgeons, 1891; Ph.G., Ia. Coll. of Pharmacy, 1891.

Reynolds, Walker Rexford, co. agrl. agt., Tyner, Ky.

Pres. Jackson Co. Fair Co.; co. chm. U. S. Public Serv. Reserve. —*b.* Ky., Sept. 28, 1877; *s.* Gilbert and Matilda (Mainous) R.; reared on farm; *m.* Mary M. Jones, Aug. 30, 1889; *c.* Coleman, Don Roy, Dorsey F., Sylvia, Henry Lester, Nannie D., Ona C., Marie, Walker R. Jr., Daniel A.

Reynoldson, LeRoy August, assoc. econ. analyst, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Teach. agr., high-sch., and city for., Dubuque, Ia., 1912-3; Red Wing, Minn., 1913-5; St. Louis Park, 1915-6; agt.

for land co., 1916-8; present position, 1918-. —*b.* Dubuque, Ia., Apr. 27, 1886; *s.* Joseph and Katherine F. (Muehe) R.; reared in town and on farm; *m.* Adaline Mary Winterble, Aug. 10, 1918; *c.* Chas. LeRoy. B.S., Ia. State Coll., 1911. Sigma Alpha Epsilon.

Rhoades, Elmer Lamont, asst. dir. Inst. of Meat Packing, Chicago, Ill.

Instr. farm manag., Univ. Neb., 1916; asst. prof., 1917; farm help specialist, 1917-8; co. agrl. agt., 1919; farm manag. dem., Kans. State Agr. Coll., 1919-22. —*b.* Carrollton, Mo., June 10, 1893; *s.* H. K. and Viola (Broady) R.; reared on farm. B.S.A., Univ. Mo., 1916. Gamma Sigma Delta.

Rhoads, Wayland, ext. specialist in beef production, Ky. Exp. Sta., Lexington, Ky.

Co. agrl. agt., Kenton Co., Ky., 1915-9. Farmer. Mem. Ky. Acad. Sci. —*b.* Frankfort, Ky., Sept. 30, 1892; *s.* McHenry and Ree (Crawford) R.; reared in city and on farm. B.S.A., Univ. Ky., 1915; M.S., 1923. Sigma Xi; Alpha Zeta.

Rhodes, Leroy, farmer, Osceola, Neb.

Asst. prof. agrl. engin., Tex. A. & M. Coll., 1915-9; assoc. prof., 1919. 2d Lieut., Air Serv., France, 10 mos. (Irrig. drainage). —*b.* Geneva, Neb., Nov. 2, 1890; *s.* Herbert and Amelia C. (Nicholson) R.; reared on farm. B.Sc., Univ. Neb., 1915. Sigma Tau; Alpha Zeta.

Rice, Charles Dobbs, assoc. prof. path. and bact., Ia. State Coll., Ames, Ia.

Farmer, Ky., 1902-9. —*b.* Terrill, Ky., Mar. 16, 1882; *s.* Fount and Ede R.; reared on farm; *m.* Lola Stephens, June 30, 1915; *c.* Chas. Fountain, Mary Jane, John Stephens. Grad. Georgetown Coll., Ky., 1902; B.S., Ia. State Coll., 1913; D. V. M.

Rice, Frank Elmore, prof. biol. and agrl. chem., N. C. State College, Raleigh, N. C.

Asst. instr. agrl. chem., Cornell Univ., 1909-12; instr., 1912-5; asst. prof., 1915-24; present position, 1924-. (Chem. dairy products). —*b.* Cuba, Ind., July 31, 1887; *s.* W. H. and Ada (Medaris) R.; reared in town. A.B., Ind. Univ., 1909; Ph.D., Cornell Univ., 1914. Sigma Xi; Alpha Chi Sigma; Phi Sigma Kappa; Gamma Alpha.

Rice, James Edward, prof. poultry husb., Cornell Univ., Ithaca, N. Y.

Farmer, Bucks Co., Pa., 1892-3; Yorktown, N. Y., 1893-1903; present position, 1903-. Pres. and sec.-treas. N. Y. State branch of Amer. Poultry Assoc. Lect. farmers insts. 13 yrs. —*b.* Aurora, Ill., Mar. 12, 1865; *s.* Jas. R. and Emeline (Wing) R.; reared on farm; *m.* Elsie Van Buren, 1888; *c.* Ruth Van Buren, Paul Kruger, J. E. Jr., John V., Alice V., Elizabeth V. B.S.A., Cornell Univ., 1890. Sigma Xi; Alpha Zeta.

Rice, Wade Hampton, ext. poultry specialist, Univ. Md., College Park, Md.

Adj. prof. poultry husb., Univ. Ga., 1921-2; present position, 1922-. —*b.* Nash Co., N. C., Mar. 11, 1899; *s.* J. T. and Cora (Williams) R.; reared in town and on farm. B.S., N. C. State Coll., 1921. Gamma Alpha Pi.

Richards, Bert Lorin, prof. bot. and plant path., Utah Agr. Coll., Logan, Utah.

Asst. bot. and plant path., Utah Agr. Coll., 1920-3; prof. and state path., 1924-. —*b.* Farmington, Utah, Nov. 4, 1887; *s.* Calvin Willard and Irene (Walker) R.; reared on farm; *m.* Ella Chamberlain, Oct. 4, 1910; *c.* Bert L. Jr., Louise, Ralph. B.S., Utah Agr. Coll.; Ph.D., Univ. Wis., 1920. Sigma Xi; Phi Kappa Phi.

Richards, C. Audrey, asst. path., Off. Invests. in For. Path., U. S. Dept. Agr., 417 Sterling Place, Madison, Wis.

Asst. bot., Miami Univ., 1912-5; Univ. Wis., 1915-7; present position, 1917-. Mem. Wis. Acad. Sci. (Preservation of wood). —*b.* Mendon, O.; *d.* John Henry and Lucy Ann (Goodman) R.; reared in town. B.A., Miami Univ., 1912; M.A., 1914; Ph.D., Univ. Wis., 1922. Sigma Xi; Sigma Delta Epsilon.

Richards, Clark A., proprietor agrl. advertising and ext. serv., Fargo, N. D.

Farm manag., 1914-7; co. agrl. agt., N. Vernon, Ind., 1917-21; present position, 1921-. —*b.* Adamsville, Wis., May 7, 1892; *s.* David Earl and Margaret (Theobald) R.; reared in city and on farm; *m.* Lucy Bevier, Nov. 9, 1915; *c.* Morris Bevier, Leslie Margaret. B.S.A., Univ. Wis., 1914.

Richards, Griffith, assoc. prof. soils, Univ. Wis., Madison, Wis.

Instr. agr., high-sch., Little Falls, Minn., 1½ yrs.; agt., Price Co., Wis., 1914-9; agt. Kenosha Co., 1919-20. —*b.* Cambria, Wis., Feb. 9, 1889; *s.* Griffith and Laura A. (Williams) R.; reared on farm. B.S., Univ. Wis., 1911. Alpha Zeta.

Richardson, Frank Wilson, farmer and fruit-grower, Wyoming, Del.

b. Rising Sun, Del., Dec. 18, 1890; *s.* Robt. M. and Amelia (Soper) R.; reared on farm; *m.* Dorotha C. Voss, Jan. 1, 1916; *c.* Wm. Mullett. B.S., Mich. Agr. Coll., 1915.

Richardson, James Keith, asst. plant path., Dominion Dept. Agr., Box 867, Fredericton, N. B.

Asst. bot., Macdonald Coll., 1923; present position, 1923-. —*b.* Montreal, Que., Apr. 10, 1899; *s.* Jas. R.; reared in town; *m.* Marjorie Hatton, Aug. 1924. B.S.A., McGill Univ., 1921; M.S., 1922.

Richardson, Jared Earle, teach. voc. agr., Curry Consolidated High-Sch., Jasper, Ala.

Served in Inf., U. S. Army, 1917-9. —*b.* Weir, Miss., Dec. 25, 1891; *s.* T. W. and Grace (Haynes) R.; reared on farm; *m.* Eva Mae Morris, Jan. 14, 1922; *c.* Robt. Earle. B.Sc., Miss. A. & M. Coll., 1923.

Richardson, Leonard A., specialist in an. husb., Univ. Tenn., Knoxville, Tenn.

Co. agrl. agt., W. Va., 1915-9; present position, 1919-. (Beef cattle). —*b.* Richardsonville, W. Va., Dec. 25, 1887; *s.* Chas. H. and Margaret S. (McCoven) R.; reared on farm; *m.* Lois E. DeBerry, Sept. 17, 1914; *c.* Mary Margaret, Leonard A. Jr., Thos. Wesley. B.A., Bucknell Univ., Lewisburg. Pa., 1913; B.S.A., Ohio State Univ., 1915. Kappa Sigma.

Richardson, Thomas Clarence, field ed. Farm and Ranch, Dallas, Tex.

Stock farmer, 1895-8, 1902-4; teach. and princ. public schs., Tex. and Okla., 1898-1904; farmer and pub. newspaper, 1905-7; truck and general farmer, 1908-10; pub. newspaper and general community organizer, 1910-4; pub. newspaper and farmer, Ark., 1915; truck farmer, Tex., 1916-7; co. agrl. agt., Tex., 1918-21; farmer and agrl. writer, 1921-3; present position, 1923-. (Coop. organizations). —*b.* Eastland, Tex., Mar. 25, 1877; *s.* A. J. and Sarah E. (Latham) R.; reared on farm; *m.* Dora Sutton, Aug. 25, 1901; *c.* Winnie Vivian, Violet Annie. Student Crowell Coll., Tex. A. & M. Coll.

Richey, Frederick David, agron. in chg. corn invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Sci. asst., U. S. Dept. Agr., 1911-20; asst. agron., 1920-1; agron., 1921-3; present title, 1923-. Collected maize in S. Amer., 1924. Fellow A. A. A. S. —*b.* St. Louis, Mo., Sept. 3, 1884; *s.* Frank Evans and Fannie (Lippman) R.; reared in city and on farm; *m.* Hazel Grace Clough, Dec. 11, 1912; *c.* Frances, Guida. B.S.A., Univ. Mo., 1909. Gamma Sigma Delta.

Richmond, Thomas Everett, assoc. soil biol., Ill. Agr. Exp. Sta. and Univ. Ill., Urbana, Ill.

Asst. chem., O. Agr. Exp. Sta., 1914-8; present position, 1918-. Introduced the Comber (thiocyanate) test for soil acidity and its adaptation "Richorpoor". —*b.* E. Cleveland, O., Mar. 17, 1888; *s.* Thos. C. and Sarah (Linscott) R.; reared on farm; *m.* Ethel Bell Crawfis, Oct. 5, 1915; *c.* Sarah Jane, Thos. E. Jr., Martha. A.B., Ohio State Univ., 1913; M.S., 1914. Delta Upsilon.

Ricker, Earl Malcolm, dir. Weymouth branch Norfolk Co. Agrl. Sch., E. Weymouth, Mass.

b. Malden, Mass., May 9, 1889; *s.* Earl J. and Annie Campbell (Marshall) R.; reared on farm; *m.* Edla Marie Lindholm, Oct. 1, 1921; *c.* Earl Wm. B.S.A., McGill Univ., 1915.

Ricker, Percy Leroy, asst. bot. forage crop invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. biol., Univ. Me., 1900-1; sci. asst., Div. Agrostology, U. S. Dept. Agr., 1901-5; taxonomic and range invest., 1905-8; asst. bot., range invest., 1908-17; present title, 1917-. Fellow A. A. A. S. —*b.* Brunswick, Me., Mar. 27, 1878; *s.* Chas. H. and Susan C. (Lunt) R.; reared in town; *m.* Eliza M. Atkinson, Nov. 4, 1903; *c.* Alice Leavitt, Arthur Leroy, Carl Lunt, Mary Atkinson, Chas. Skofield, Warren Goold. B.S., Univ. Me., 1900; M.S., 1901.

Ricker, William Jewett, farmer and fruitgrower, Turner, Me.

Pres. Me. Fruit Growers Assoc.; pres. Twin Co. Farm Bur. —*b.* Turner, Me., July 8, 1883; *s.* Albion Swett and Florence (Jewett) R.; reared on farm; *m.* Mary Barker, June 23, 1906; *c.* Albion Barker, Elizabeth Louise. B.S., Univ. Me. Sigma Alpha Epsilon.

Rickey, Lacey F., asst. agrl. statistician, U. S. Dept. Agr., 210 Federal Bldg., Des Moines, Ia.

Manag. Farmers Coop. Exchange, Leighton, Ia., 1920-2; fellow marketing, Northwestern Univ., 1923-4. Served in U. S. Army, 1918. —*b.* Chicago, Ill., Aug. 27, 1890; *s.* Albert B. and Margaret (Smith) R.; reared in country; *m.* Faye E. Barnes, Oct. 20, 1917; *c.* Forest Robt., John Barnes. B.S., Ia. State Coll., 1923; Mast. Business Admins., Northwestern Univ., 1924. Alpha Gamma Rho; Gamma Sigma Delta.

Riddell, Glenn Ernest, co. agrl. agt., Ft. Payne, Ala.

Live-stock ed., Alabama Farm Facts, Montgomery, 1920-1; teach. voc. agr., high-sch., Town Creek, 1921-2; Ala. ext. live-stock specialist, 1922-3; agrl. agt. DeKalb Co., 1924-. Seaman U. S. Navy Reserve Forces. —*b.* Springfield, Tenn., Mar. 18, 1897; *s.* Louis D. and Ettie (Crystal) R.; *m.* Neva Mitchum, Dec. 22, 1920; *c.* Grace Ethel, Glenn Jr. B.S., Ala. Poly. Inst., 1920. Kappa Alpha.

Ridgway, Joseph Wilder, Mistletoe Creamery, Fort Worth, Tex.

Asst. dairy husb., Miss. A. & M. Coll., 1905-6; dairy field worker, Dairy Div., U. S. Dept. Agr., 1906-7; asst. prof. an. ind., Ala. Poly. Inst., 1907-9; expl. work, Bur. An. Ind., 1909-10; formerly prof. dairy husb., Tex. A. & M. Coll. Sec. Tex. Creameries Assoc.; sec.-treas. Tex. Dairymens Assoc.; sec.-treas. Holstein-Friesian Breeders Club of Tex. —*b.* Sessums, Miss., Aug. 11, 1886; *s.* R. B. and Margarette (Belle) R.; reared on farm; *m.* Gladys Harris, Dec. 21, 1910; *c.* Lillie Harris, Helen. B.S., Miss. A. & M. Coll., 1905; M.S., Ala. Poly. Inst., 1909.

Ridley, Vincent William, fruit transportation tech., Fruit Dispatch Co., Pier 15, E. River, New York, N. Y.

Sci. asst. in pom., Bur. Markets, U. S. Dept. Agr., 1914-9. Traveled in Cent. Amer. and W. Indies. —*b.* Warrensburg, Mo., Jan. 25, 1893; *s.* Cyrus C. and S. I. (Culley) R.; reared in country. B.S.A., Univ. Mo., 1914. Alpha Zeta.

Ries, Victor Heinrich, asst. prof. flor. and florist Exp. Sta., Purdue Univ., LaFayette, Ind.

Nursery work with A. N. Pierson, Cromwell, Conn., 1916-7; F. and F. Nursery, Springfield, N. J., 1917-8; asst. prof. nat. sci., Ia. State Teach. Coll., 1919; prof., 1920; present position, 1921-. In U. S. Army, 1918-9. —*b.* New York, N. Y., July 29, 1894; *s.* Heinrich and Millie (Timmerman) R.; reared in city; *m.* Elizabeth Gminder, Dec. 24, 1919; *c.* Ellen Timmerman. B.S., Cornell Univ., 1915; M.S.A., 1916. Sigma Xi.

Riford, Lloyd Stephen, sec. The Beacon Milling Co., Inc., Auburn, N. Y.

Asst. dairy husb., N. J. Exp. Sta. and instr., Rutgers Coll., 1915-7; in chg. milk production, Walker-Gordon Lab. Co., Plainsboro, N. J., 1917-20; present

position, 1920-. —*b.* Randolph, Vt., Apr. 22, 1889; *s.* Horace Payne and Clarrisa (Walker) R.; reared on farm; *m.* Florence Trimmer, June 16, 1917. B.S., N. H. Coll., 1914; M.A., Univ. Mo., 1915. Sigma Xi; Alpha Zeta; Sigma Nu; Gamma Alpha.

Riggs, Ernest J., farmer, Gallipolis, O.

Asst. hort., N. H. A. & M. Coll., 1897-8; asst. hort., Ohio Exp. Sta., 1910-4; co. agrl. agt., O., 1914-7. Pres. O. State Hort. Soc., 1913-6; sec. Gallia Co. Farm Bur.; sec.-treas. Gallia Co. Produce Co.; pres. Gallia Fruit Growers Coop. Assoc.; vice-pres. O., Fruit Growers Coop. Assoc. Rep. to 85th and 86th General Assemblies of O.; mem. O. State Bd. Agr. —*b.* Gallia Co., O., June 19, 1873; *s.* Jacob and Elizabeth (Guthrie) R.; reared on farm; *m.* Alice Stoner, June 15, 1897; 2d, Naomi Haber, Nov. 14, 1917; *c.* Lowell E., Betty Jean, Ernest J. Jr., Rose Elizabeth. B.Sc., Ohio State Univ., 1895; M.Sc., 1897. Kappa Sigma.

Riggs, Oral Byron, co. agrl. agt., Newport, Ind.

Live-stock farmer, 1920-3; agrl. agt. Vermillion Co., 1923-. Sec. Sullivan Co. Pure Bred Livestock Breeders Assoc. —*b.* Sullivan Co., Ind., July 21, 1896; *s.* Wm. and Rosa Lee (Johnson) R.; reared on farm; *m.* Faye Drake, Dec. 10, 1921; *c.* Martha Lee, Bobbie Gean. B.S.A., Purdue Univ., 1920.

Riggs, Walter Merritt, pres. Clemson Agr. Coll., Clemson College, S. C.; Jan. 24, 1873—Jan. 22, 1924. See Rus 1920.

Riggs, William Arthur, teach. voc. agr., high-sch., Sandborn, Ind.

Served in U. S. Army, World War. —*b.* Evansville, Ind., Mar. 9, 1899; *s.* Wm. Robt. and Minnie Rachel (Stahl) R.; reared on farm. B.S.A., Purdue Univ., 1924. Delta Alpha Pi; Kappa Delta Pi; Tau Kappa Alpha.

Riley, Howard Wait, prof. rural engin., Cornell Univ., Ithaca, N. Y.

Draftsman, United Telpherage Co., N. Y. City, 1901; engin., Morse Chain Co., Ithaca, N. Y., 1904; instr. expl. engin., Cornell Univ., 1906; instr. farm mech., 1907; asst. prof., 1909; prof. rural engin., 1912-. Pres. Amer. Soc. Agrl. Engin. Farm operator. (Rural sanitation and domestic equipment). —*b.* Orange, N. J., May 2, 1879; *s.* Wm. H. and Louisa Wait (Lord) R.; reared on farm; *m.* Julia Whiton Mack, June 5, 1906; *c.* Manton Lord. E.E. in M.E., Cornell Univ., 1901.

Riley, James Alvin, supt. Coast Exp. Sta., Summerville, S. C.

Co. agrl. agt., 1913-9; present position, 1919-. (Agron.). —*b.* Denmark, S. C., Mar. 6, 1891; *s.* Eli Christian and Julia Ann (Wilson) R.; reared on farm; *m.* Jo Anna Yarborough, Oct. 10, 1917; *c.* Julia Caroline, Jas. A. Jr., Henry Yarborough, Lillian Hardin. B.S., Clemson Agr. Coll., 1911; M.S., Univ. Wis., 1924.

Riley, William Albert, prof. ent. and chief div. ent. and econ. zool., Univ. Minn., St. Paul, Minn.

Asst. zool., DePauw Univ., 1896-8; fellow in ent., Cornell Univ., 1898-9; asst. ent. and invertebrate zool., 1899-1901; instr. ent., 1901-6; asst. prof., 1906-12; prof., 1912-8; present position, 1918-; res. work on hookworm, Porto Rico, summer, 1922. Fellow A. A. A. S.; fellow Ent. Soc. Amer. *Auth.*: (with Johannsen) Handbook of Medical Entomology. Mem. editorial bd., The Journal of Parasitology, Abstracts of Bacteriology, Journal Agricultural Research. (Insect morphology and parasitology). —*b.* Mankato, Minn., Jan. 10, 1876; *s.* Albert Thos. and Otillie P. (Maag) R.; reared in town; *m.* Mae E. Fullhart, June 8, 1904; *c.* Alice Lois. B.S., DePauw Univ., 1897; Ph.D., Cornell Univ., 1903. Phi Beta Kappa; Sigma Xi; Delta Upsilon; Gamma Alpha; Gamma Sigma Delta.

Rising, Charles Seth, teach. agr. and princ. high-sch., Orleans, Vt.

Princ. high-sch., Cabot, Vt., 1919-22; present position, 1922-. —*b.* Rupert, Vt., Nov. 11, 1898; *s.* Chas. M. and Bessie M. (Farrar) R.; reared in town; *m.* Celia M. Smith, June 5, 1918; *c.* Floyd Chas., Harold Seth. B.S., Univ. Vt., 1919.

Risser, Ralph Granville, manag. crop production dept., Calif. Veg. Union, 514 E. 8th St., Los Angeles, Calif.

Superv. agr., St. Martinville high-sch., La., 1910; princ. agrl. dept., Montgomery Co. schs., Md., 1911; manag. agrl. dept. high-sch., Stockton, Calif., 1912; reclamation supt. for Rindge Land and Navigation Co., 1913-6; asst. truck crop specialist, U. S. Dept. Agr., 1917-9. —*b.* Kankakee, Ill., Sept. 30, 1886; *s.* Ralph Gilman and Eva Jane (Dunlap) R.; reared on farm; *m.* Juliet Bennett, Aug. 9, 1913; *c.* Mary Penelope. B.S., Univ. Ill., 1909.

Rist, L. Boyd, co. agrl. agt., Beatrice, Neb.

Instr. an. husb., Univ. Neb., 1914-6; agrl. agt., Gage Co., Neb., 1916-. —*b.* Humbolt, Neb., Nov. 10, 1891; *s.* Sam and Mary (Friedley) R.; reared on farm. B.S.A., Univ. Neb., 1916. Alpha Zeta.

Ritchey, George Edgar, agron., Nanking Univ., Nanking, China.

Instr. agr., Cornell Coll., Mt. Vernon, Ia., 1917-9; present position, 1919-. —*b.* Rising City, Neb., Aug. 2, 1888; *s.* Daniel E. and Elizabeth E. (Treadway) R.; reared on farm; *m.* Caroline E. Vermillion, Nov. 15, 1917; *c.* Elizabeth. B.S.A., Ia. State Coll., 1917.

Ritchie, Walter Stuntz, asst. prof. agrl. chem., Univ. Mo., Columbia, Mo.

b. Ludlow, Ky., Apr. 11, 1892; *s.* Walter Thos. and Mary (Stuntz) R.; reared in small town; *m.* Maggie Lee Bell, Apr. 29, 1922. B.S.A., Ohio State Univ., 1916; A.M., Univ. Mo., 1918; Ph.D., 1922. Sigma Xi; Delta Tau Delta; Gamma Alpha; Alpha Chi Sigma.

Ritzman, Ernest George, res. prof. an. husb., N. H. Exp. Sta., Durham, N. H.

Asst. an. husb., U. S. Bur. An. Ind., 1903-8; an. husb., Porto Rico Agr. Exp. Sta., 1908-15; present position, 1915-. Sec.-treas. N. H. Sheep Breeders Assoc. Del. by U. S. Dept. Agr. to escort party of Russians and Germans on agrl. tour throughout U. S., 1906. Served in Spanish-Amer. War. —*b.* Switzerland, May 20, 1875 (naturalized 1886); *s.* John Geo. and Maria Ursula (Gisel) R.; reared on farm; *m.* Lois Alexander, Nov. 1909; *c.* Thos. Alexander, Barbara Bicknell. B.S.A., Ia. State Coll.

Roadhouse, Chester Linwood, prof. dairy ind., Univ. Calif., Davis, Calif.

Vet. insp., Bur. An. Ind., U. S. Dept. Agr., 1906-8; chief dairy insp., Dept. Health, San Francisco, 1909; city vet., Dept. Public Health, Berkeley, Calif., 1910; lect. dairy bact., Univ. Calif., short-course, 1910; instr. vet. sci., 1911-3; asst. prof., 1913-4; assoc. prof., 1914-7; prof. dairy ind., 1917-. Sec. and pres. Calif. State Vet. Med. Assoc., 1915-6; vice-pres. Intern. Assoc. of Dairy and Milk Insps., 1917-8; pres. Calif. Creamery Operators Assoc., 1919; pres. Western Dairy Instrs. Assoc., 1920; pres. Intern. Assoc. of Dairy and Milk Inspectors, 1921; manag. Pacific Slope Dairy Show, 1922, pres., 1923. Farm operator, 1907-. Mem. editorial com. for correspondence courses in agr., 1914-6. —*b.* Watsonville, Calif., Jan. 5, 1881; *s.* John J. and Imogene (Kimberlin) R.; reared on farm and in town; *m.* Christine Judah, Dec. 2, 1910; *c.* Katherine, Francis. D.V.M., Cornell Univ., 1906. Theta Delta Chi.

Robb, Byron Burnett, prof. rural engin., Cornell Univ., Ithaca, N. Y.

Teach. distr. sch., 1905-7; asst. in farm mech., Cornell Univ., 1910-1; instr., 1911-3; asst. prof., 1913-9; prof. rural engin., 1919-. (Drainage). —*b.* Webster, N. Y., Aug. 8, 1882; *s.* C. F. and Frances (Burnett) R.; reared on farm; *m.* Georgia Frances Bills, Aug. 7, 1912; *c.* Frances, Julia Ann. B.S., Cornell Univ., 1911; M.S.A., 1913.

Robbins, Ernest Thompson, live-stock ext. specialist, Univ. Ill., Urbana, Ill.

Asst. an. husb., Ia. State Coll., 1905-9; prof. an. husb., Chicago Vet. Coll., 1909-13; agrl. agt. Tazewell Co., Ill., 1913-8; farm manag., Adams Co., 1918-20; agrl. agt. De Witt Co., 1920-3; present position, 1923-. *Assoc. ed.,* Breeders Gazette, 1909-13. —*b.* Payson, Ill., June 27, 1878; *s.* Daniel Ellsworth and Anna Campbell (Thompson) R.; reared on farm; *m.* Ida Mae Folkrod, Oct. 26, 1904; *c.* Helen, Mary, Dorothy, Mar-

garet. B.S., Univ. Ill., 1900; M.S.A., Ia. State Coll., 1907. Alpha Zeta; Alpha Psi.

Robbins, Wilfred William, assoc. prof. bot., Univ. Calif., Davis, Calif.

Instr. high-sch., Golden, Colo., 1906-7; instr. physics, Central High-Sch., Pueblo, Colo., 1907-8; instr., biol., Univ. Colo., 1908-11; instr. biol., Summer Lab. for field biol., Tolland, 1909, 1910, 1913; instr. bot., Colo. Agr. Coll., 1911-3; asst. prof., 1913-5; prof. and bot. Exp. Sta., 1915-9; bot. Agr. Exp. Sta., Great Western Sugar Co., 1919-21; bot., Off. Cereal Invest., U. S. Dept. Agr., 1921-2; present position, 1923-. Biol. trips in Mohave Desert and N. Mex. *Auth.*: Botany of Crop Plants, 1917; (with Holman) Textbook of General Botany, 1924. —*b.* Mendon, O., May 11, 1884; *s.* Isham B. and Jennie (Hussey) R.; reared on farm and in city; *m.* Louise Falk, June 15, 1911; *c.* Wilfred T., Hertha Marie. A.B., Univ. Colo., 1907; A.M., 1909; Ph.D., Univ. Chicago, 1917. Sigma Xi; Alpha Zeta; Sigma Phi Epsilon.

Roberts, Albert E., intern. sec. Y. M. C. A., 347 Madison Ave., New York, N. Y.

Mem. Country Church Comn., Fed. Council of Churches of Christ in Amer.; mem. Sunday School Comn.; mem. Amer. Comn. for study of agrl. coop. in Europe, Y. M. C. A. work with A. E.F. —*b.* Manchester, N. H., Mar. 4, 1873; *s.* Edward and Myra (Webster) R.; reared on farm and in city; *m.* Mabel Ruth Brown, June 6, 1900; 2d, Lillas G. Neil, Jan. 1, 1914; *c.* Mabel Ruth.

Roberts, Asbury, teach. voc. agr., high-sch., Cape Girardeau, Mo.

Formerly co. agrl. agt., Marshall, Mo. Served in U. S. Army on Mexican Border; Capt. Inf., 1917-9; wounded in battle of Argonne. —*b.* Centralia, Mo., Feb. 15, 1891; *s.* W. F. Jr. and Mamie (Turner) R.; reared on farm and in town; *m.* Era Lightner, Aug. 30, 1919. B.S.A., Univ. Mo., 1917. Acacia.

Roberts, Clyde Francis, instr. voc. agr., high-sch., Stryker, O.

Served in U. S. Army, 1918.— *b.* Bays, O., Jan. 4, 1899; *s.* Albert A. and Delia M. (McCrory) R.; reared on farm; *m.* Nell M. Beck, June 12, 1924. B.S.A., Ohio State Univ., 1923. Alpha Gamma Rho.

Roberts, Elmer, asst. prof. an. breeding, Univ. Ill., Urbana, Ill.

Instr. genetics, Univ. Ill., 1917-8; assoc., 1919-20; asst. prof. an. breeding, 1921-. *Auth.*: Introduction to Plant and Animal Improvement, 1925. —*b.* Burnside, Ky., June 29, 1886; *s.* Missouri and Lucy Helen (Meece) R.; reared on farm; *m.* Myrtle Ann Renz, Aug. 11, 1917; *c.* Margaret Anne. B.S., Univ. Ill., 1913; Ph.D., 1917. Sigma Xi; Gamma Sigma Delta; Alpha Zeta; Gamma Alpha.

Roberts, George, asst. dean Coll. Agr., prof., agron. and head dept. agron., Exp. Sta., Univ. Ky., Lexington, Ky.

Princ. Ky. Wesleyan Acad., Burnside, 1899-1900; asst. chem., Ky. Exp. Sta., 1901-3; asst. chem., Calif. Exp. Sta., 1903-6; asst. chem., Ky. Exp. Sta., 1906-9; agron. and prof. agron., Univ. Ky., 1909-; acting dean, Coll. Agr., 1916-7; asst. dean, 1919-. Mem. Ky. Acad. Sci. (Soil fert.). —*b.* Burnside, Ky., June 16, 1873; *s.* Missouri and Lucy Helen (Meece) R.; reared on farm; *m.* Rhoda Gibson Elliott, Sept. 6, 1899; *c.* Helen Porter, Katherine, Joseph Kastle, Geo. Jr. B.Ped., Univ. Ky., 1899; M.S., 1901. Sigma Xi; Alpha Zeta.

Roberts, Isaac Phillips, agrst., Dwight Way End, Berkeley, Calif.

Prof. agr., Ia. State Coll., 1870-4; prof. agr., Cornell Univ., 1874-1903; dean Coll. Agr., 1878-1903; dir. Exp. Sta., 1888-1903; prof. emeritus, 1903-. *Auth.*: The Fertility of the Land, 1898; The Farmstead, 1900; The Farmers' Business Handbook, 1903; The Horse, 1905; Autobiography of a Farm Boy, 1916. —*b.* E. Varick, N. Y., July 24, 1833; *s.* Aaron P. and Elizabeth (Burroughs) R.; reared on farm; *m.* Margaret Marr, Nov. 3, 1857; *c.* Mary E. (Mrs. Dane Coolidge), Perry B., Roger M. M.A., Ia. State Coll., 1875. Alpha Zeta.

Roberts, John William, path. fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. Latin and German, high-sch., Falls City, Neb., 1905-6; asst. bot., Univ. Neb., 1908; sci. asst., U. S. Dept. Agr., 1909-11; asst. path., 1912-3; path., 1913-. —*b.* Alma, Neb., July 4, 1882; *s.* S. L. and A. M. (McGlathery) R.; reared in town; *m.* Ethel J. Hutchins, Dec. 10, 1911. A.B., Univ. Neb., 1904; A.M., 1909; Ph.D., Geo. Washington Univ., 1917. Sigma Xi; Alpha Theta Chi.

Roberts, Ray H., assoc. prof. hort., Univ. Wis., Madison, Wis.

Fruit-grower, Ore., 1911-5; instr. hort., Univ. Wis., 1915-8; asst. prof., 1918-20; assoc. prof., 1920-. Fellow A. A. A. S. —*b.* Lebanon, Ore., Apr. 4, 1890; *s.* Edwin C. and Velma E. (Marks) R.; reared on farm; *m.* Louvia Davis, Aug. 5, 1916; *c.* Harold D., Velma E. B.S., Ore. Agr. Coll., 1910; M.S., 1912; Ph.D., Univ. Wis., 1924. Sigma Xi; Gamma Alpha.

Robertson, David Wield, assoc. agron., Colo. Agr. Coll., Fort Collins, Colo.

b. Dumfriesshire, Scotland, 1893; *s.* John Mair and Mary Minto (Wield) R.; *m.* Marian Mourning Haynes, 1922. B.S.A., Univ. Man., 1918; M.S., Univ. Minn., 1920. Alpha Zeta; Gamma Sigma Delta.

Robertson, Frederick Eugene, manag. N. Y. State Sheep Growers Coop. Assoc., Inc., Syracuse, N. Y.

Farm manag., U. S. Dept. Agr., 1910, 1912; teach. agr., Lima Sem., Lima, N. Y., 1910; agt. Jefferson Co., N. Y., 1912-7; asst. co. agt. leader, Cornell Univ., 1917-20; present position, 1921-. —*b.* Cambridge, N. Y., Feb. 18, 1878; *s.* Russel K. and Margaret (Shanahan) R.; reared on farm; *m.* Georgiana E. Thomas, Aug. 13, 1910; *c.* Benj. Russel, Wm Hawley. B.S.A., Cornell Univ., 1909.

Robertson, John Gordon, live-stock comnr., Dept. Agr., Regina, Sask.

Live-stock manag., Detchon Farms, Davidson, Sask., 1912-4; general manag., 1914-6; present position, 1919-. Sec. Sask. Live Stock Bd., Sask. Stallion Bd.; sec. Sask. Horse, Cattle, Sheep and Swine Breeders Assocs. Lieut. Canadian Army, 1916-9; wounded on Vimy Ridge, 1917. —*b.* Churchville, N. S., Sept. 1, 1890; *s.* Robt. S. and Jessie (McHardy) R.; reared on farm; *m.* Lydia Paulson, June 12, 1916; *c.* Robt. Gordon. B.S.A., McGill Univ., 1912.

Robertson, Lynn Shelby, state leader farm manag. dems., Purdue Univ., LaFayette, Ind.

b. Glenville, Minn., Jan. 11, 1890; *s.* Wm. and Eva (Loomis) R.; reared on farm; *m.* Adella Pettersen, July 15, 1915; *c.* Lynn Shelby, Eva Louisa, John Wm., Howard Eugene. B.S., Univ. Minn., 1914. Alpha Zeta.

Robertson, Z. Douglas, co. agrl. agt., Allendale, S. C.

Teach. agr., public schs., S. C., 1911-7. —*b.* Heath Spring, S. C., May 19, 1888; *s.* Z. L. and Lou (Rolling) R.; reared on farm. A.B., Eastern Coll., 1911.

Robinson, Charles Jason, co. agrl. agt., Shelbyville, Ill.

Ext. serv., Mass. Agr. Coll., 1910-1; farmer, 1911-21; agrl. agt. Connersville, Ind., 1921-2; agrl. agt. Shelby Co., Ill., 1923-. (Dairying). —*b.* Manteno, Ill., Nov. 28, 1884; *s.* Jason A. and Alethea (Grimes) R.; reared on farm; *m.* Mary E. Shreffler, Oct. 26, 1910; *c.* Jason Ellis, Veva Elizabeth. B.S., Univ. Ill., 1909. Sigma Xi; Alpha Zeta; Sigma Pi.

Robinson, Charles Leon, superv. hort., State Dept. Agr., Old Capitol Bldg., Olympia, Wash.

Orchardist, Ore., 1914-5; foreman Monitor Orchards, Wenatchee Valley, Wash., 1915-6; distr. hort. insp., State Dept. Agr., 1919-21; superv. hort. and chm. Wash. State Insecticide and Fungicide Bd., 1921-. 1st Lieut. Inf., U. S. Army, 1917-9. Sec.-treas. Wash. State Hort. Assoc., 1923-; pres. N. W. Assoc. Tech. Hort., Ent. and Path., 1924-5. —*b.* Marshall, Minn., Nov. 23, 1892; *s.* Homer N. and Ellen M. (Baldwin) R.; reared on farm; *m.* Elsie B. Caspar,

June 25, 1919; *c.* Ellen Katherine, Kenneth Leon. B.S., Ore. Agr. Coll., 1914. Sigma Phi Epsilon.

Robinson, Charles Summers, res. chem., Mich. Exp. Sta., E. Lansing, Mich.

Dairy farmer, 8 yrs. Served as Capt. Sanitary Corps, U. S. Army. —*b.* Chicago, Ill., Apr. 17, 1885; *s.* Joseph and Harriet (Smith) R.; reared in city; *m.* Florence Sherwood, Sept. 21, 1912; *c.* Jane, Joseph, Margarete, Chas. Jr., Carolyn. A.B., Univ. Mich., 1907; M.S., 1909; Ph.D., 1917. Sigma Xi; Alpha Chi Sigma; Phi Lambda Upsilon; Phi Sigma.

Robinson, Earl Paul, state leader co. agts., Univ. N. H., Durham, N. H.

Instr. agr., Northwood Acad., N. H., 1907-8; farmer, 1908-12; agrst., Holland-St. Louis Sugar Co., Decatur, Ind., 1912; co. agt., Saginaw, Mich., 1913-7; asst. state leader co. agts., Mich. Agr. Coll., 1917-9; present position, 1919-. (Agrl. journalism, rural organization). —*b.* Markesan, Wis., Oct. 9, 1882; *s.* Edwin W. and Jane A. (Hare) R.; reared on farm; *m.* Sibyl Fritz, Sept. 18, 1907; *c.* Francis Edwin. B.S., Mich. Agr. Coll., 1907.

Robinson, Francis Evan Malligaum, farmer, Upper Melbourne, Que.

Dairy farmer and creamery operator, 1915-. Pres. Canadian Jersey Cattle Club, 1922-; mem. dairy cattle com. of Fed. Govt. of Canada; mem. adv. com. on agr., McGill Univ. Traveled in Europe. —*b.* Milwaukee, Wis., June 27, 1893; *s.* Arthur Wells and Margaret Beatrice (Taylor) R.; reared in city. M.A., Cambridge Univ., 1916.

Robinson, James L., teach. voc. agr., high-sch., Madisonville, Tenn.

Agrl. agt. Campbell Co., Tenn., 1915-8; Hardeman Co., 1919-22; present position, 1923-. —*b.* Franklin, N. C., Dec. 4, 1889; *s.* Jesse S. and Ittie (Norton) R.; reared on farm. B.S.A., Univ. Tenn., 1915. Alpha Zeta.

Robinson, James Reid, instr. agr., high-sch., Sherman, N. Y.

Teach. distr. sch., 1914-6. —*b.* Springwater, N. Y., June 3, 1894; *s.* S. W. and Hattie (Collins) R.; reared on farm. B.S.A., Cornell Univ., 1920.

Robinson, Jesse Mathew, acting head dept. zool. and ent. and acting ent. Exp. Sta., Ala. Poly. Inst., Auburn, Ala.

With Cincinnati Forging Co., 1911; teach. rural and high-schs., 1911-5; grad. asst. zool. and ent., Ohio State Univ., 1915-6; teach. biol., Columbus, 1916-7; ext. specialist div. deciduous fruit invests., Bur. Ent., U. S. Dept. Agr., 1917-9; asst. prof. zool. and ent. and asst. ent. Exp. Sta., Ala. Poly. Inst., 1919-24; acting head dept., 1924-. Fellow A. A. A. S. —*b.* Higginsport, O., Jan. 30, 1889; *s.* G. F. and Marietta (Mathew) R.; reared on farm; *m.* Lena May Shinkle, Aug. 21, 1919. A.B., Miami Univ., 1911; M.A., Ohio State Univ., 1916. Phi Kappa Phi; Gamma Sigma Delta; Alpha Gamma Rho.

Robinson, Karl, dir. agr., Union High-Sch., Tranquillity, Calif.

Formerly supt. dept. voc. agr., Montverde Ind. Sch., Montverde, Fla. —*b.* Fort Payne, Ala., Jan. 3, 1894; *s.* F. O. and Huldah (Southard) R.; reared on a farm; *m.* Rilla Anderson, May 12, 1918.

Robinson, Leonard G., banker, lawyer, agrl. econ., 164 Westminster Rd., Brooklyn, N. Y.

General manag. Jewish Agrl. and Ind. Aid Soc., 1905-17; pres. Fed. Land Bank of Springfield, Mass., 1917-9; pres. Cosmopolitan Bank, New York, 1919-21; general dir. reconstruction in Europe for Amer. Joint Distribution Com., operating in ten countries—Austria, Czecho-Slovakia, Esthonia, Greece, Hungary, Latvia, Lithuania, Poland, Roumania, Turkey—with headquarters in Vienna, 1922-. Established over 3,000 immigrant families as farm owners through the U. S. and Canada. Founder of pioneer coop. agrl. credit unions in Amer.; consulting expert of Joint Congressional Com. on Rural Credits (63rd and 64th Congress) which framed the Fed. Farm Loan Act enacted in 1916. *Auth.*: The Agricultural Activities of the Jews in America, 1912; co-auth., Credit Union Primer, 1914. —*b.* Russia, Mar. 11, 1875 (na-

turalized 1897); *s.* Bernhard and Leah (Schatzkin) R.; *m.* Betty F. Levey, Jan. 10, 1911; *c.* Leonard G. Jr. A.B., Harvard Univ., 1902; L.L.B., N. Y. Law Sch. and admitted to N. Y. Bar, 1906.

Robinson, Lewis Byron, instr. voc. agr., Lawrence High-Sch., Falmouth, Mass.

Co. organizer, N. H. Food Comn., summer 1917; asst. emergency dem. agt., Hillsborough Co., 1917-9; co. club leader, Aug.-Oct. 1919; co. agrl. agt., Milford, 1919-21; field ent., Amherst, Va., 1922; princ. Jr. High-Sch., Hampton, N. H., 1923; present position, 1924-. Sec.-treas. Souhegan Valley Nat. Farm Loan Assoc. of Milford, 1918-20. —*b.* Pembroke, N. H., Aug. 26, 1893; *s.* John Howard and Lura Belle (Byron) R.; reared on farm; *m.* Miriam J. French, Dec. 15, 1923. B.S., N. H. Coll., 1916. Alpha Tau Omega; Alpha Zeta.

Robinson, Lloyd W., head dept. farm manag., State Sch. Agr., Alfred, N. Y.

Asst. farm manag., State Sch. Agr., Alfred, 1919-21; head dept., 1921-. —*b.* Andover, N. Y., Mar. 21, 1895; *s.* Chas. Augustus and Matie Louise (Watson) R.; reared on farm; *m.* Gladys F. Murray, June 6, 1922; *c.* Virginia May, Betty Ann. B.S., Cornell Univ., 1919; M.A., Alfred Univ., 1925.

Robinson, Montgomery, prof. ext. serv., Cornell Univ., Ithaca, N. Y.

Tutor Latin, Princeton Univ., 1903-6; instr. ext. teaching, Cornell Univ., 1914-6; asst. prof., 1916-20; prof., 1920-. Rancher, Nev. and Ida., 2 yrs. —*b.* Brooklyn, N. Y., Apr. 30, 1884; *s.* Franklin E. and Lillie (Ludlam) R.; reared in town; *m.* Anne C. Carpenter, 1910; *c.* Janet Ewing. B.Litt., Princeton Univ., 1906; B.S., Cornell Univ., 1914; student Harvard Univ., 1923-4.

Robinson, Ralph Rollin, instr. agr., Union High-Sch., Phoenix, Ariz.

Asst. farm manag. dem., Colo. Agr. Coll., 1916; agrl. agt. Chaves Co., N. Mex., 1917-8; Grant Co., 1918-9; present position, 1920-. In U. S. Army, 1918-9. —*b.* Aspen, Colo., June 9, 1889; *s.* A. J. and Helen A. R.; reared on farm; *m.* Helen Humphrey, Sept. 25, 1918. B.S., Colo. Agr. Coll., 1917. Sigma Alpha Epsilon.

Robinson, William Orrin, assoc. soil chem., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Instr. chem., N. H. Coll., 1905-6; present position, 1906-. Capt. Chem. Warfare Serv., U. S. Army, 1917-8; Major O. R. C., 1919. (Soil chem.). —*b.* Marlboro, N. H., Oct. 2, 1884; *s.* Geo. Alfred and Anna Elizabeth (Proctor) R.; reared on farm; *m.* Mary Collins Sherman, June 17, 1917; *c.* Mary Sherman, Geo. Alfred. B.S., N. H. Coll., 1905; M.S., 1906. Zeta Epsilon Zeta.

Robison, Martha Elizabeth, specialist in rural church and res. work, Bloomsburg, Pa. and Higgins, N. C.

Teach. rural public schs., 9 yrs.; field sec. Columbia Co. Sabbath Sch. Assoc., 2 yrs.; supt. rural dept., Pa. State Sabbath Sch. Assoc., 6 yrs.; town and country dept., Bd. Nat. Missions, 5 yrs. Writer on aspects of rural church and Sunday-school activities; auth. Junior Quarterly for Amer. Sunday School Union. —*b.* Bloomsburg, Pa., Nov. 17, 1874; *d.* Jas. Boyd and Jennie (Bruce) R.; reared in country. B.E.Di., M.El. Di., B.Ped., Bloomsburg State Normal Sch.

Rochester, William Henry, co. agrl. agt., Greenville, Ky.

Swine specialist, Miss., 1917-9; agrl. agt. Muhlenberg Co., Ky., 1922-. —*b.* Marion Ky., Apr. 22, 1892; *s.* W. N. and Katie (Thomas) R.; reared on farm; *m.* Hazel Virginia Beckett, Nov. 15, 1919; *c.* June Talbott. B.S.A., Univ. Ky., 1917.

Rockwell, Archie Churchill, superv. agr., high-sch., Waterford, Pa.

b. Troy, Pa., Oct. 2, 1896; *s.* Samuel C. and Elizabeth (Montgomery) R.; reared in town and on farm; *m.* Frances L. Hess, Feb. 2, 1924. B.S., Penn. State Coll., 1923. Phi Mu Sigma; Kappa Kappa Psi.

Rockwell, Frederick Frye, consulting agrst., Seabrook, N. J.

Circulation manag. Garden Magazine, 1906-7; manag. Wilshire Book Co., 1907-8; with New York Call, 1908-9; contributing ed., House and Garden, The Garden Magazine. Engaged in farming and greenhouse business. With W. Atlee Burpee Co., as manag. Fordhook Farms, 1915-7; with Tuthill Advertising Agency, 1918-20; with Seabrook Co., as manag. bulb and nursery dept., 1920-. *Auth.*: Home Vegetable Gardening, 1911; Gardening Indoors and Under Glass, 1912; Making a Fruit Garden, 1914; The Pocket Garden Guide, 1914; The Key to the Land, 1915; Around the Year in the Garden, 1916; The Little Pruning Book; Save it for Winter, 1918; Gardening Under Glass, 1923. —*b.* Brooklyn, N. Y., Apr. 2, 1884; *s.* Frank Warren and Elizabeth (Trowbridge) E.; reared on farm; *m.* Marjorie Hughan, Sept. 5, 1910; *c.* Wallace Hughan, Frederick Frye, Donald West, Margaret Elizabeth. Student Wesleyan Univ., Conn., 1905-6.

Rockwood, Lawrence Peck, assoc. ent., Bur. Ent., U. S. Dept. Agr., Forest Grove, Ore.

b. Waterbury, Conn., Oct. 13, 1886; *s.* Chas. Henry and Abba (Peck) R.; reared in city; *m.* Ethel Maude English, Dec. 9, 1916; *c.* Mary, Wm. Peck, Harry English. B.S., Mass. Agr. Coll., 1912. Phi Kappa Phi.

Rodegeb, Eli Leroy, co. agrl. agt., Willmar, Minn.

Teach. agr. and sci., high-sch., Saline, Mich., 1 yr.; teach. agr., high-sch., Red Creek, N. Y., 4 yrs.; Willmar, Minn., 3 yrs. —*b.* Whittemore, Mich., Jan. 21, 1887; *s.* Henry and Artie (Brown) R.; reared on farm; *m.* Mabel C. Wermuth; *c.* Mildred Lucil, Luella Grace. B.S., Mich. Agr. Coll., 1910.

Rodenwold, Benjamin W., asst. prof. an. husb., Ore. Agr. Coll., Corvallis, Ore.

Present position, 1920-. Sec. Stallion Registration Bd. (Horses, beef cattle). —*b.* O'Neill, Neb., Mar. 21, 1895; *s.* Geo. and Anna (Johring) R.; reared on farm; *m.* Zelta Fern Feike, Dec. 23, 1924. B.S., Univ. Neb., 1920. Alpha Gamma Rho; Alpha Zeta; Gamma Sigma Delta.

Rodwell, Ward Arthur, instr. agr., high-sch., Chautauqua, N. Y.

Teach. agr., high-sch., S. Dayton, N. Y., 1920-2; Chateaugay, 1922-4; Chautauqua, 1924-. —*b.* Clarendon, N. Y., May 28, 1896; *s.* Jas. H. and Cora E. (Cheney) R.; reared on farm; *m.* Hazel Harling, Sept. 26, 1918; *c.* Jean Elizabeth. B.S.A., Cornell Univ., 1920.

Roe, Harry Burgess, assoc. prof. agrl. engin., Univ. Minn., University Farm, St. Paul, Minn.

From rodman to asst. engin., Great Northern R. R., 1899-1905; asst. divisional engin., G. T. P. R. R., Man., 1905-7; special lect. on drainage, Univ. Minn., 1908; instr. math., 1908-9; instr. and asst. agrl. engin., 1909-12; asst. prof., 1912-9; assoc. prof. in chg. sect. of drainage, 1919-. Del. to Nat. Drainage Congress, Chicago, 1918. —*b.* Afton, Minn., June 1, 1876; *s.* Alva Dunning and Sarah (Burgess) R.; reared on farm; *m.* Isabel Davis Parker, July 12, 1904; *c.* Chas. Parker, John Huntington, Marion Burgess, Dorothy Dunning. B.S. in E., Univ. Minn., 1908. Phi Beta Kappa.

Roe, William Isaac, farm real estate and insurance, Watertown, N. Y.

Dairy farmer 8 yrs.; agrl. agt. Jefferson Co., N. Y., 1918-23. —*b.* Oxford Depot, N. Y., Nov. 4, 1890; *s.* Thos. Beach and Elizabeth P. R.; reared on farm; *m.* Helen N. Waterbury 1919; *c.* Wm. W. Cornell Univ., 1917.

Roeding, George Christian, nurseryman and fruit-grower, Fresno, Calif.

Sent to Europe and Asia Minor as comnr. from U. S. Dept. Agr., 1901; in 1912 as rep. Panama-Pacific Intern. Expos. Ex-pres. Calif. State Bd. Agr. *Auth.*: Monograph on the Smyrna Fig at Home and Abroad, 1901; Roeding's Fruit Growers Guide, 1919. —*b.* San Francisco, Calif., Feb. 4, 1868; *s.* Frederic and Marianne R.; reared in city; *m.* Elizabeth Thorne, Dec. 15, 1897; *c.* Marianne E., Geo. C. Jr., Eleanor Louise, Evelyn T.

Roehl, Louis Michael, asst. prof farm shop, Cornell Univ., Ithaca, N. Y.

Auth.: The Farmer's Shop Book, 1923. —*b.* London, Wis., Oct. 21, 1882; *s.*

Christian and Sophia (Albrecht) R.; reared on farm; *m.* Minnie Barbara Kaercher, Aug. 3, 1910; *c.* John Wm., Harvey Northrop. B.S., Stout Inst., 1919.

Roelofs, Henrietta, exec. rural com. dept., Nat. Bd. Y. W. C. A. Assoc. of U. S. A., 600 Lexington Ave., New York, N. Y.

Exec. sec. Y. W. C. A., World War. —*b.* Grand Rapids, Mich., Nov. 21, 1878; *d.* Geo. and Mary (Dykema) R.; reared in city. B.S., Lake Erie Coll., 1906.

Rogan, William James, co. agrl. agt., Wausau, Wis.

Princ. schs., Eagle, Wis., 1910-1; teach. agr. and princ., 1913-5; princ. schs., 1916-8. —*b.* Crystal Falls, Mich., Sept. 27, 1887; *s.* Jas. and Caroline (Winzenberg) R.; reared on farm and in city; *m.* Lucy E. Davies, Feb. 14, 1914; *c.* Wm. Davis, Jas. Watkyns, John Francis, Paul Joseph, Howard Anthony, Mary Catherine. Student Univ. Wis.

Rogers, Augustus James Jr., fruit-grower, Beulah, Mich.

Instr. hort., Univ. Wis., 1907-11; fruit-grower, 1911-. Dir. Mich. State Hort. Soc.; mem. exec. com., Mich. State Farm Bur.; pres. Benzie Co. Farm Bur. —*b.* Milwaukee, Wis., May 25, 1885; *s.* Augustus Jas. and Charlotte Althea (Tooker) R.; reared in city; *m.* Agnes Challoner, May 14, 1912; *c.* Curtis Challoner, Addie Jane, Dorothy. B.S.A., Univ. Wis., 1907; M.S., 1909. Sigma Nu; Alpha Zeta.

Rogers, Austin Leonard, pres. Rogers Bros. Seed Co., 326 W. Madison St., Chicago, Ill.

Originated several varieties of garden peas and beans. Traveled around world, 1925. —*b.* Cape Vincent, N. Y., Oct. 29, 1855; *s.* Chas. and Harriet (Wilson) R.; reared on farm; *m.* Della M. Guile, Aug. 1882; *c.* Mabel H. Ines Ardell. Grad. Eastman Business Coll.

Rogers, Charles Elkins, assoc. prof. ind. journalism, Kans. State Agr. Coll., Manhattan, Kans.

Reporter and copy reader, Tulsa World, Tulsa, Okla., 1914-5; Kans. City Star, 1918; present position, 1919-. 1st Lieut. Inf., U. S. Army, 1917-9. —*b.* Ozark, Mo., May 5, 1892; *s.* John C. and Ivie E. (Southwick) R.; reared in town and country; *m.* Sadie Bernstein, May 18, 1918; *c.* Wm. Cecil. B.A., Univ. Okla., 1914. Kappa Alpha; Sigma Delta Chi.

Rogers, Clarence Arthur, farmer, Bergen, N. Y.

Instr. and asst. prof. poultry husb., Cornell Univ., 1907-12. Pres. N. Y. Canning Crops Coop. Assoc., 1923-4; pres. N. Y. State Coop. Poultry Certification Assoc., 1922-4. —*b.* Bergen, N. Y., June 11, 1882; *s.* Arthur P. and Theodosia (Wilcox) R.; reared on farm; *m.* Christine S. Avery, Apr. 2, 1912; *c.* Avery P., Clarence A. Jr. B.S.A., Cornell Univ., 1904; M.S.A., 1907. Alpha Zeta.

Rogers, Earl, farmer, Prairie Depot, O.

Contr. to agrl. papers. —*b.* Wood Co., O., June 5, 1888; *s.* Lant S. and Lucy (Wheeler) R.; reared on farm; *m.* Beryl M. Bandeen, Nov. 17, 1917; *c.* Edgar Stuart. Student Ohio State Univ.

Rogers, Francis Elton, with Thompsons Dairy, Washington, D. C.

Instr. ext. in pom., Cornell Univ., 1915; agt. New Haven Co., Conn., 1915-7; agt. Wayne Co., N. Y., 1917-20; present position, 1920-. —*b.* Canandaigua, N. Y., Sept. 1, 1887; *s.* Chauncy E. and Mary E. (Outhouse) R.; reared on farm; *m.* Mabel Luella Flumerfelt, Aug. 11, 1916; *c.* Helen Jane, Paul Elton, Mary Ann. B.S., Cornell Univ., 1914; M.S., 1915. Alpha Zeta.

Rogers, Frazier, prof. agrl. engin., Univ. Fla., Gainesville, Fla.

With U. S. Bur. Plant Ind. and Fla. State Plant Bd., 1916-7; co. agrl. agt., N. C., 1917-8; asst. prof. agrl. engin., Univ. Fla., 1918-23; prof., 1923-. —*b.* Ora, Miss., Feb. 7, 1893; *s.* Joel and Mary (Duckworth) R.; reared on farm; *m.* Gladys A. Tanner, May 26, 1917; *c.* Frazier Vernon, Mildred Mary, Marian Violet. B.S.A., Miss. A. & M. Coll., 1915.

Rogers, Hawley Bunce, agrl. agt., Erie Railroad Co., Jamestown, N. Y.

Formerly co. agrl. agt., Jamestown. —*b.* E. Orange, N. J., Oct. 9, 1886; *s.* Buel L. and Frances A. (Rogers) R.; reared in village and on farm; *m.* Hazel J. Haight, July 26, 1919; *c.* Frances Amy, Jean Alice. B.S., Cornell Univ., 1912.

Rogers, Lore Alford, in chg. labs., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Assoc. ed., Journal of Bacteriology; Bacteriological Abstracts; Journal of Dairy Science. —*b.* Patten, Me., Feb. 7, 1875; *s.* Luther B. and Mary E. (Barker) R.; reared on farm; *m.* Beatrice C. Oberly, Oct. 5, 1908; *c.* John O. B.S., Univ. Me., 1896; D.Sc., Univ. Md., 1923. Kappa Sigma.

Rogers, Marian Harriet: see Smith, Marian Rogers.

Rogers, Ralph Harold, farm manag. dem., S. D. State Coll., Brookings, S. D.

Asst. farm manag., Purdue Univ., 1922-3; instr., 1923-4; present position, 1924-. Lieut. Inf., U. S. Army, World War. —*b.* Richmond, Ind., June 1, 1898; *s.* Harry W. and Mary E. (Davis) R.; reared on farm and in city; *m.* Elsie Grace Lucas, Nov. 29, 1919; *c.* Marilynn Elsie. B.S., Purdue Univ., 1922; M.S.A., 1924. Kappa Delta Pi.

Rogers, Walter, co. agrl. agt., Bloomington, Ind.

b. Nashville, Ind., Dec. 9, 1878; *s.* Wm. H. and Nancy J. (Welsh) R.; reared on farm; *m.* Cora J. Clark, Sept. 8, 1901; *c.* Wayne Lelia, Fern, Maurice, Ralph, Ellis.

Rohrbeck, Edwin Herman, agrl. ed., Penn. State Coll., State College, Pa.

Asst. agrl. journalism, Univ. Wis., 1924; present position, 1924-. Sergeant, U. S. Army, 1919. —*b.* Walton, Ill., Mar. 10, 1895; *s.* Herman Theodore and Addie Lillian (Jones) R.; reared on farm. B.S., Univ. Wis., 1924. Alpha Zeta; Phi Kappa Phi; Sigma Delta Chi; Farm House.

Rohwer, Sievert Allen, ent. U. S. Bur. Ent., and custodian of Hymenoptera, U. S. Nat. Museum, Washington, D. C.

Vice-pres., Washington Acad. Sci.; sec.-treas., Ent. Soc., Washington. —*b.* Telluride, Colo., Dec. 22, 1887; *s.* Geo. and Lucy (Billingsley) R.; reared in town; *m.* Portia Brown, Feb. 23, 1910; *c.* Karl Sievert, Donald Dru, Geo. Gregor, Rolf Douglas, Portia. Student Univ. Colo., 1907-9.

Rokahr, Mary, state home dem. leader, Univ. Wyo., Laramie, Wyo.

Asst. state home dem. leader, Univ. Neb., 1914-9; present position, 1919-. —*b.* Omaha, Neb., Sept. 4, 1891; *d.* Ernest and Margaret (Schneider) R.; reared in town. A.B., Univ. Neb., 1914. Omicron Nu.

Rolf, Arthur Francis, ed. and farmer, R. F. D., Metairie, New Orleans, La.

Asst. poultry, Conn. Agr. Coll., 1908-9; instr. poultry, Hillside Sch., Mass., 1909; instr., Conn. Agr. Coll., 1910-2; prof., Miss. A. & M. Coll., 1912; chief poultry, Ga. Exp. Sta., 1912; prof. poultry and acting head an. husb., Okla. A. & M. Coll., 1913-4; poultry ext., La. State Univ., 1914-9; supt. live-stock ext., 1916-9; ed. Modern Farming, 1920-. Pres. La. Poultry Breeders Assoc.; dir. Amer. Squab Breeders Assoc.; gov. Intern. White Leghorn Club. —*b.* Weymouth, Mass., Dec. 3, 1889; reared on farm; *m.* Gladys Weed Calvin, Dec. 4, 1912; *c.* Elizabeth Calvin, Dorothy Frances. Student Conn. Agr. Coll.

Rolfs, Peter Henry, dir. Escola Superior de Agricultura e Veterinaria de Minas Geraes, Viçosa, Minas Geraes, Brazil.

Asst. bot., Ia. State Coll., 1891; ent. and bot., Fla. Exp. Sta., 1891-8; bot. and hort., 1898-9; prof. bot., Fla. Agr. Coll., 1892-9; bot. and bact., Clemson Agr. Coll., 1899-1901; plant path. in chg. Subtrop. Lab., Miami, Fla., 1901-6; dir. Fla. Exp. Sta., 1906-21; dir. ext. div., 1914-21; dean Coll. Agr., 1915-21; supt. farmers insts., 1907-19; present position, 1921-. Mem. adv. com., Fla. State Plant Bd., 1915; chm. State Council Defense, 1917-8. Fellow

A. A. A. S. Pres. Fla. State Hort. Soc., 1906-7; mem. exec. com., 1906-21. *Auth.*: Vegetable Growing in the South for Northern Markets, 1896; Subtropical Vegetable Gardening, 1916. (Citrus and tropical fruits, truck crops). —*b.* LeClaire, Ia., Apr. 17, 1865; *s.* Maas Peter and Maria Christina (Niemeier) R.; reared on farm; *m.* Effie Stone, Aug. 25, 1892; *c.* Effie, Clarissa. B.S., Ia. State Coll., 1889; M.S., 1891; D.Sc., 1921. Sigma Xi; Phi Kappa Phi.

Roller, John Baker, instr. voc. agr. and princ. high-sch., Pearisburg, Va.

Instr. agr. and asst. co. agt., Appomattox Agrl. High-Sch., 1916-7; instr. agr., high-sch., Apple Grove, Va., 1919-20; princ. and instr., 1920-3; present position, 1923-. 1st Lieut. U. S. Army, 1917-9. —*b.* Oxford, N. C., May 8, 1895; *s.* John B. and Sallie A. (Easley) R.; reared in town and on farm; *m.* Margaret Bolling Atkinson, Sept. 10, 1918; *c.* John B. Jr., Sallie Jones, Roger Pryor. B.S.A., Va. Poly. Inst., 1916; M.S., 1924.

Rollins, Howard Arthur, ext. hort., Univ. N. H., Durham, N. H.

Asst. hort. ext., Univ. N. H., 1923-5; ext. hort., 1925-. —*b.* Salem, Mass., Feb. 23, 1899; *s.* Arthur D. and Emily I. (Ives) R.; reared on farm. B.S.A., Univ. N. H., 1923; M.S., 1925. Lambda Chi Alpha; Alpha Zeta.

Roman, Nancy McNeal, asst. prof. home econ., Cornell Univ., Ithaca, N. Y.

Teach. graded and high-schs., 1908-13; instr. home econ., Univ. Chicago, 1914-7; present position, 1917-. —*b.* Wheatley, Ky., Sept. 5, 1882; *d.* Wm. V. and Sallie (Crutcher) McNeal.; reared on farm; *m.* F. W. Roman, June 1924. Ph.B., Univ. Chicago, 1916.

Romine, James Earl, co. agrl. agt., Elkins, W. Va.

Teach. rural schs., 2 yrs.; agrl. agt. Upshur Co., W. Va., 1916-20; Randolph Co., 1920-. —*b.* W. Milford, W. Va., July 5, 1889; *s.* Jacob and Olivia R.; reared on farm; *m.* Hazel Sheets, Sept. 14, 1912. B.S.A., W. Va. Univ., 1916.

Romine, Leon Rex, teach. voc. agr., high-sch., Hagerstown, Ind.

Instr., Purdue Summer Sch. for Teachers, 1914; teach. voc. agr., Pendleton, Ind., 1914-5; Mooresville, 1915-7; Crawfordsville co. leader boys and girls clubs, 1917-9; teach. voc. agr., Mt. Summit, 1919-23; Greencastle, 1923-4; Hagerstown, 1924-. —*b.* Stone Bluff, Ind., June 3, 1890; *s.* Theodore P. and Sattie (Ratliff) R.; reared on farm; *m.* Julia E. Linder, 1915; *c.* Marybelle, Eleanor Jeane. B.S.A., Purdue Univ., 1914.

Rommel, George McCullough, vice-pres. Intern. Farms Corp., 110 E. 42nd St., New York, N. Y.

Asst. an. husb., Ia. State Coll., 1899-1901; manag. O. R. & N. Exp. Farm, Walla Walla, Wash., 1901; chg. an. husb. work, Bur. An. Ind., 1901-21; chief an. husb. div., 1910-21; ed. The Field Illustrated, 1921-3; consulting live-stock specialist, Morse Agrl. Serv., N. Y., 1923-; vice-pres. Intern. Farms Corp., N. Y., 1924-. Fellow A. A. A. S.; mem. Acad. Political Sci., N. Y. Del. 1st Pan Amer. Sci. Congress, Santiago, Chile, 1908, 1909; mem. exec. com. 2d Congress, Washington, 1914, 1915. Mem. U. S. Agrl. Comn. to Europe, 1918. *Auth.*: The Hog Industry, 1903. —*b.* Mt. Pleasant, Ia., Feb. 26, 1876; *s.* A. and Rachel P. (McCullough) R.; reared in town; *m.* Sallie Russell Reeves, Sept. 19, 1906; *c.* Anna Margaret, Sarah Elizabeth, Alexander Ross. B.S., Ia. Wesleyan Coll., 1897; B.S.A., Ia. State Coll., 1899. Phi Delta Theta.

Root, Ernest Rob, beekeeper and ed., Medina, O.

Pres. A. I. Root Co., manufacturers of bee supplies and publishers. Lect., Ohio State Univ. and Redpath Chautauquas. Vice-pres. O. Comn. of Jamestown Expos., 1903-5. *Ed.,* Gleanings in Bee Culture, 1885-. *Auth.*: ABC and XYZ of Bee Culture, 1923; Feeding and Feeders, 1905; Facts About Bees, 1906; The Buckeye Bee Hive, 1909; Bee Diseases, 1918; Wintering of Bees, 1913; The Bee Keeper and the Fruit Grower, 1918. —*b.* Medina, O., June 23, 1862; *s.* Amos Ives and Susan (Hall) R.; reared in town; *m.*

Elizabeth Humphrey, Dec. 15, 1885; *c.* L. Ives, A. I. Studied Oberlin Coll.

Root, Ralph Rodney, lands. arch., 8 E. Huron St., Chicago, Ill.

In chg. professional course lands. gard., Univ. Ill., 1912-8; exchange prof., Mass. Agr. Coll., 1915; chg. summer sch. lands. arch., Lake Forest Coll., 1916-; asst. to dir. of Finance, U. S. Army, Washington, Oct. 1918-Feb. 1919; Capt. Q. M. R. C., U. S. Army. Traveled in Europe, 1912, England 1914. *Auth.*: (with Kelley) Design in Landscape Gardening, 1914. —*b.* Jamestown, N. Y., Mar. 15, 1884; *s.* Frank Henry and Josephine (Wilcox) R.; reared on farm. B.S., Cornell Univ., 1910; M.L.A., Harvard Univ., 1912.

Rosa, Joseph Tooker Jr., asst. prof. truck crops, Univ. Calif., Davis, Calif.

Instr. hort., Ia. State Coll., 1915-6; asst. hort., Va. Truck Exp. Sta., Norfolk, 1916-7; instr. hort., Univ. Mo., 1917-9; asst. prof., 1920-2. —*b.* Waverly Mills, S. C., July 16, 1895; *s.* J. T. and Grace (Hurcomb) R.; reared on farm. B.S., Clemson Agr. Coll., 1915; M.S. in Hort., Ia. State Coll., 1917; Ph.D., Univ. Mo., 1922. Sigma Xi; Acacia; Gamma Alpha.

Rose, Charles Lovell, breeder Holstein-Friesian cattle, Evart, Mich.

Formerly co. agrl. agt.; appraiser for Fed. Land Bank. Investigated livestock, England and Channel Isls., 1911. —*b.* Evart, Mich., June 18, 1887; *s.* Chas. H. and Emma (Lancashire) R.; reared in town. B.S., Mich. Agr. Coll., 1911.

Rose, Crawford Allen, co. agrl. agt., Winton, N. C.

Manag. sugar plantation, Vermilion Parish, La., 1917-9; farm manag., O., 1919-21; chg. agrl. dept. S. Ind. Inst., Camp Hill, Ala., 1922-3; agrl. agt. Abbeville Co., S. C., 1923-4. —*b.* Abbeville, La., June 30, 1896; *s.* Edmond A. and Hattie Anne (Ramsey) R.; reared on farm. B.S., Ala. Poly. Inst., 1922. Theta Alpha Phi; Iota Sigma.

Rose, Flora, prof. home econ. and co-dir. Sch. Home Econ., Cornell Univ., Ithaca, N. Y.

Asst. prof., Kans. State Agr. Coll., 1905-6; asst. prof., Cornell Univ., 1907-13; prof., 1913-. Traveled in Europe and Mexico. *Auth.*: (with Van Rensselaer and Canon) Manual of Home-Making, 1918. —*b.* Denver, Colo., Oct. 13, 1874; *d.* Samuel Patrick and Mildred Lewis (Boyd) R.; reared in city. B.S., Kans. State Agr. Coll., 1904; M.A., Columbia Univ., 1909.

Rose, Philip Sheridan, assoc. ed. The Country Gentleman, Independence Sq., Philadelphia, Pa.

Teach. engin., N. D. Agr. Coll., 1899-1909; on editorial staff American Thresherman: Gas Review, 1909-17; present position, 1917-. Ex-pres. Amer. Soc. Agrl. Engin. —*b.* Ottawa Co., Mich., July 13, 1872; *s.* Wm. and Susanna (Sheridan) R.; reared on farm; *m.* Belle Ghering, 1898; *c.* Donald G., Douglas R., Kathryn. B.S., Mich. Agr. Coll., 1899. Tau Beta Pi.

Rose, Raymond Charles, ext. specialist plant path., Univ. Minn., University Farm, St. Paul, Minn.

With U. S. Dept. Agr., 1916; asst. plant path., Insular Exp. Sta., Porto Rico, 1916-7; U. S. Dept. Agr., 1918-9; present position, 1919-. Lieut. U. S. Army, 1917-8. —*b.* St. Paul, Minn., Apr. 22, 1889; *s.* Chas. A. and Emma (Larson) R.; *m.* Vinnie Kathrine Falk, Mar. 12, 1918; *c.* Vincent Raymond, Wilbur Chas. B.S., Univ. Minn., 1913; M.S., 1915. Sigma Xi; Acacia.

Rose, Rufus Edwards, state chem. of Fla., Agrl. Dept., Tallahassee, Fla.

Supt. La. Reclamation Co., 1876-81; supt. Disston Everglade Drainage Co., 1881-6; supt. Disston-St. Cloud Sugar Co., 1886-9; state chem. of Fla., 1901-. Pres. Assoc. Amer. Dairy Food and Drug Officials, 1921-2. —*b.* New Orleans, La., Mar. 19, 1847; *s.* Alfred James and Albina Stanhope (Johnston) R.; *m.* Emeline Sahl, Mar. 20, 1871; 2d, Mary Anna Morgan, July 18, 1894. Student Dobear Tech. and Commercial Coll., New Orleans, 1862-4.

Rosen, Harry Robert, assoc. prof. plant path. and assoc. plant path. Exp. Sta., Univ. Ark., Fayetteville, Ark.

Asst. bot., Univ. Wis., 1913-5; sci. asst., Smithsonian Inst., 1915-7; asst. in rust invests., Purdue Univ. Exp. Sta., 1917-8; present position, 1918-. Mem. Council of Amer. Phytopath. Soc., representing Southern Div. —*b.* Wilmington, Del., Aug. 8, 1889; *s.* Michael J. and Lena (Saltzman) R.; reared on farm and in city; *m.* Edith Marie Snyder, July 8, 1918; *c.* Theodore, Miriam E., Ward Francis. B.S., Penn. State Coll., 1913; M.S., Univ. Wis., 1915. Sigma Xi; Phi Kappa Phi.

Rosewall, Oscar Waldemar, prof. ent., La. State Univ., Baton Rouge, La.

Instr. zool. and ent., La. State Univ., 1913-7; asst. prof. ent., 1917-20; assoc. prof., 1920-4; prof., 1924-. Sergeant-Major Inf., U. S. Army, 1918-9. —*b.* Algona, Ia., Mar. 12, 1889; *s.* Chas. and Maria (Jacobson) R.; reared in town; *m.* Elizabeth Bertram, Sept. 13, 1919. A.B., Ia. State Univ., 1913; M.S., La. State Univ., 1916. Alpha Zeta.

Roske, Melvin Passon, co. agrl. agt., Luverne, Minn.

Instr. manual training, drawing and athletics, Waseca, Minn., 1912-3; instr. agr., State Normal Sch., Emporia, Kans., 1916-8. —*b.* Lacqui Parle Co., Minn., Jan. 25, 1886; *s.* Chas. August and Sarah (Passon) R.; reared on farm. B.S.A., Univ. Wis., 1916.

Ross, Harold Ellis, prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Asst. dairy ind., Cornell Univ., 1906-7; instr., 1907-9; asst. prof., 1909-12; prof., 1912-. *Auth.*: A Dairy Laboratory Guide, 1910; Laboratory Guide in Market Milk, 1915; Dairy Laboratory Guide for High Schools, 1918. —*b.* Leadville, Colo., Oct. 23, 1881; *s.* John Warren and Fanny Jane (Coleman) R.; reared on farm; *m.* Jessie F. Williams, Dec. 25, 1907; *c.* John Warren, Jane Elizabeth, Harold Ellis Jr. B.S.A., Cornell Univ., 1906; M.S.A., 1908. Sigma Xi; Gamma Alpha.

Ross, John Francis, grain insp., 311 A W. 9th St., Amarillo, Tex.

Teach. agr., Indian serv., 1903-7; with Off. Cereal Invests., U. S. Dept. Agr. 1908-20; licensed grain insp., 1920-. —*b.* Jewell Co., Kans., Jan. 19, 1873; *s.* Pontus and Ingeborg Olina (Lokke) R.; reared on farm; *m.* Jessie Naomi Stewart, Nov. 21, 1903; *c.* Inga Ann, John Hammond, Flora Helena, Frances Naomi, Stewart. B.S.A., Kans. State Agr. Coll., 1902.

Ross, Orrin F., farmer, Lowville, N. Y.

Farmer and contractor, 1908-13; manag. H. D. Ross & Sons, Lowville, N. Y.; co. agrl. agt., Franklin Co., 1913-5; Oneida Co., 1916-8; manag. Rossdale Farms. Dir. N. Y. State Dairymens Assoc., 1913; vice-pres. Lewis Co. Agrl. Soc., 1911-3; pres. Lewis Co. Holstein Club, 1920; sec. Lowville Farmers Coop. Inc., 1920-4. Lect. N. Y. Bur. Farmers Insts., 1911-3. (Holstein-Friesian cattle; farm seeds). —*b.* Lowville, N. Y., Oct. 10, 1885; *s.* Howard D. and Frankie J. (Bowen) R.; reared on farm; *m.* Ella E. Evans, Oct. 10, 1911; *c.* Eloise Estelle, Evelyn Roberta, Howard Evans, Jas. Thos., Frances Jane, Hazel Belva. Special student, Cornell Univ., 1905-8.

Ross, Pontus Henry, dir. agrl. ext. serv., Univ. Ariz., Tucson, Ariz.

Expert and agt., Off. Exp. Stas., U. S. Dept. Agr., 1903-7; teach. agr., high-sch., Jewell City, Kans., 1911-2; agt. Leavenworth Co., 1912-6; co. agt. leader, Univ. Mo., 1916-23; asst. dir. agrl. ext. serv., 1918-23; present position, 1923-. —*b.* Jewell Co., Kans., June 24, 1879; *s.* Pontus and Ingleborg (Lokke) R.; reared on farm; *m.* Esther Hanson, Mar. 8, 1905; 2d, Bertha Campbell. Aug. 12, 1913; *c.* Philip Harold, Irene, Winifred, John. B.S., Kans. State Agr. Coll., 1902.

Ross, William Arthur, state superv. agrl. educ., Cheyenne, Wyo.

Teach. voc. agr., Center, Colo., 1920-1; supt. schs., Center, Colo., 1921-3; present position, 1923-. Served in A. E. F. —*b.* Platteville, Colo., May 5, 1896; *s.* A. R. and Nellie (Hammitt) R.; reared on farm and in city. B.S., Colo. Agr. Coll. Sigma Alpha Epsilon.

Ross, William Horace, sci., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Asst. chem., Ariz. Exp. Sta., 1907-12; present position, 1912-. Capt. Chem. Warfare Serv., 1918-9. Asst. ed., Chemical Abstracts, 1913-7, abstractor, 1907-. (Agrl. chem.). —*b.* Nova Scotia, Dec. 27, 1875 (naturalized 1911); *s.* Daniel and Mary (Murray) R.; reared on farm; *m.* Catherine Allen, 1908; *c.* Allan Murray, Wm. H. Jr. B.Sc., Dalhousie Univ., 1903; M.Sc., 1904; Ph.D., Univ. Chicago, 1907.

Rost, Clayton Ord, assoc. prof. soils, Univ. Minn., University Farm, St. Paul, Minn.

Asst. agrl. chem., Neb. Exp. Sta., 1912-3; asst. soils chem. and instr., Univ. Minn., 1913-8; present position, 1918-. —*b.* Ord, Neb., Nov. 24, 1885; *s.* David E. and Mary E. (Keller) R.; reared on farm; *m.* Nina Mae Churchill, Dec. 15, 1912. B.Sc. Univ. Neb., 1911; M.A., 1912; Ph.D., Univ. Minn., 1918. Phi Beta Kappa; Sigma Xi; Alpha Chi Sigma.

Roth, Ernest G., co. agrl. agt., Brainerd, Minn.

Served in Field Art., U. S. Army, 16 mos.; with A. E. F., 9 mos. (Peat soils). —*b.* Sanborn, Minn., Mar. 16, 1891; *s.* Chas. F. and Rosa (Huevergarth) R.; reared on farm. B.S., Univ. Minn., 1916; M.S., 1917. Alpha Gamma Rho; Gamma Sigma Delta.

Rothenberger, Alvin Kriebel, dairy and poultry farmer, Worcester, Pa.

Instr. agr., Perkiomen Sch., 1911-2; agrl. agt. Montgomery Co., 1912-24. Mem. Montgomery Co. Farm Bur. Bd. —*b.* Worcester, Pa., July 16, 1886; *s.* Edwin S. and Amanda (Kriebel) R.; reared on farm; *m.* Helen Elizabeth Moyer, Sept. 18, 1915; *c.* Margaret, Alvin Jr., Robt. B.S.A., Cornell Univ., 1911.

Rothgeb, Benton E., asst. agron. in chg. grain sorghum and broom corn invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Luray, Va., May 16, 1875; *s.* Martin and Annie (Early) R.; reared on farm; *m.* Blanche G. Grove, Oct. 7, 1899; 2d, Myra E. Payne, Dec. 26, 1914; *c.* Russell G., Edwin G., Carlton P., Mabel. Grad. Roanoke Nat. Business Coll., 1898.

Rothlisberger, Floyd Frederick, prof. sci. and agr., high-sch., Reader, W. Va.

b. New Martinsville, W. Va., Jan. 9, 1900; *s.* Lewis A. and Mary E. (Mullet) R.; reared on farm. B.S.A., W. Va. Univ. Tau Kappa Epsilon.

Roundtree, Lee J., ed. and farmer, Bryan, Tex.

Chief clerk, Tex. Legislature, 1897-1903; Lieut.-Col. on Staff of Gov. Campbell of Tex., 1907-8; U. S. Food Adminis. of Williamson Co., 1918-9. Mem. exec. com., Tex. State Council of Agr.; pres. Nat. Editorial Assoc., 1916-7. Traveled in S. Amer., Europe, Mexico. *Ed.,* Georgetown Commercial, Bryan Eagle. —*b.* Kyle, Tex., July 15, 1868; *s.* Thos. P. and Kate (Johnson) R.; reared on farm; *m.* Frances Mitchell.

Rouzer, Paul Charles, head agrl. dept., Potomoc State Sch., Keyser, W. Va.

Instr. agr., high-sch., St. Croix Falls, Wis., 1912-5; agrl. agt. Tyler Co., W. Va., 1915-8; asst. prof. agrl. educ. and asst. superv. voc. agr., W. Va. Univ., 1918-21; state superv. voc. agr., Charleston, 1922; present position, 1923-. Sec. W. Va. branch, Nat. Soc. for Voc. Educ., 1919-. —*b.* Chicago, Ill., Oct. 20, 1888; *s.* John C. and Carrie (Strow) R.; reared on farm; *m.* Maude Ella Ketchum, Aug. 1913; *c.* Chas. Whitney. B.S.A., Univ. Wis., 1912.

Rowan, Levi John, pres. Alcorn A. & M. Coll., Alcorn, Miss.

Teach. public schs., Miss., 1893-8; head English dept. and pres., Alcorn A. & M. Coll., 1898-. Pres. State Teachers Assoc. —*b.* Rodney, Miss., Aug. 7, 1871; *s.* Sidney and Martha (Walker) R.; reared in town; *m.* Mattie Foote, July 29, 1896; *c.* Ruth Inez, Mattie Hermione, Pearl Bernice, Thelma Bee. B.S., Alcorn A. & M. Coll., 1893; Ph.D., 1910.

Rowe, Bess M., field ed. The Farmer's Wife, Webb Pub. Co., St. Paul, Minn.

State leader home dem. agts., Mont. State Coll., 1916-20; present position, 1920-. —*b.* New Hampton, Ia.; *d.* Frederick P. and Mary Elizabeth (March) R.; reared on farm and in town. B.S., Univ. Minn., 1910. Phi Upsilon Omicron.

Rowell, Napoleon Keever, co. agrl. agt., Edenton, N. C.

Asst. S. C. Exp. Sta., 1912-3; supt. Exp. Sta., Alabang, P. I., 1913-7; present position, 1918-. Sec.-treas. Chowan Fair Assoc., Chowan Co. Bd. Agr. (Agron.). —*b.* Centenary, S. C., Dec. 8, 1887; *s.* Joseph A. and Sallie (Keever) R.; reared on farm; *m.* Elenor Pike, Sept. 3, 1913; *c.* Audrea Gene. B.S., Clemson Agr. Coll., 1912.

Rowlands, W. A., asst. prof. agrl. engin., Univ. Wis., Madison, Wis.

Sec. Marinette Co. Land Clearing Assoc.; mem. land clearing com., Amer. Soc. Agrl. Engin. Served in Canadian Army, 1916-9. —*b.* Montreal, Que., Nov. 17, 1896; *s.* Walter and Mary Ann (Elliott) R.; reared on farm and in city. B.S.A., Ont. Agr. Coll., 1921.

Royce, Charles Howard, asst. prof. an. husb., Cornell Univ., Ithaca, N. Y.; May 10, 1866-Aug. 5, 1921. See Rus 1920.

Royce, Harry Lynn, co. agrl. agt., Wabash, Ind.

Instr. sci., high-sch., Greencastle, Ind., 1917-8. Served in U. S. Navy, 1918-9. (An. husb.). —*b.* Austin, Ind., Feb. 24, 1894; *s.* Joseph Arthur and Maud C. (Duffield) R.; reared on farm; *m.* Louise Artamissa Abrams, June 1, 1918; *c.* Virginia Louise. B.S.A., Purdue Univ., 1917. Sigma Phi Epsilon.

Royse, Edgar, teach. voc. agr., high-sch., Alexandria, Tenn.

Served in U. S. Army, 1918. —*b.* Roy, Ky., Sept. 26, 1889; *s.* S. W. and Lieu Titia (Powell) R.; reared on farm. B.S., Geo. Peabody Coll., 1924.

Rubel, Chester Wirt, asst. state leader co. agts., Univ. Calif., Berkeley, Calif.

Instr. an. husb. and dairying, Calif. Poly. Sch., 1905-10; chg. dept. agr., 1910-5; agrl. agt. Alameda Co., 1915-7; present position, 1917-. —*b.* Kirkville, Ia., Jan. 24, 1882; *s.* Madison E. S. and Susan (Neer) R.; reared on farm; *m.* Eva Belle Dolmage, June 16, 1908; *c.* Donald M., Dorothy B. B.S.A., Ia. State Coll., 1904.

Rubinow, Sydney Godfrey, general manag. Minn. Potato Growers Exchange, 369 Robert St., St. Paul, Minn.

Teach. high-sch., Asheville, N. C., 1909-10; teach. agr., Flathead Co. high-sch., Mont., 1911-3; asst. in ext., Univ. Wis., 1913-4; sec. correspondence courses and ext. specialist in agr., Tex. A. & M. Coll., 1914-6; asst. state club leader and asst. state superv. agrl. educ., N. C. State Coll., 1916-7; asst. to dir. ext. and state chm. and dir. fairs, 1917-9; state campaign dir. N. C. Div., Amer. Cotton Assoc., 1919; teach. agrl. educ., Univ. N. C., summer 1919; mem. Nat. Council of Defence for N. C., 1919; agrl. adv. to Selective Draft Serv., 1919; sec. Nat. Com. on Cotton Marketing, 1919-20; consulting econ. adv., Tex. State Farm Bur. Fed., 1920; general manag., Red River Valley Sweet Clover Growers Exchange, 1921; organizer Me. Potato Growers Exchange, 1922; organizer Minn. Potato Growers Exchange, 1923, general manag., 1924-; mem. nat. council Farmers Coop. Marketing Assoc. —*b.* Lodz, Russia, Mar. 16, 1887 (naturalized as minor); *s.* Geo. M. and Mary R.; reared in town; *m.* Ruth Virginia Fisher, June 10, 1913; *c.* S. G. Jr., Hugh Fisher. B.S.A., Cornell Univ., 1909; M.S., Univ. Wis., 1913.

Ruddick, John Archibald, dairy and cold storage comnr., Dept. Agr., Ottawa, Ont.

Supt. E. Ont. Dairy Sch., 1894-8; dairy comnr. for New Zealand, 1898-1900; chief Dominion Dairy Div., 1900-5; present position, 1905-. Del. to Intern Dairy Congress, The Hague, 1907, Berne, 1914, Syracuse, 1923; Intern. Congress of Refrigeration, Chicago, 1913, London, 1922. —*b.* Oxford Co., Ont., Sept. 3, 1862; *s.* Lawrence and Marion (Moir) R.;

reared on farm; *m.* Harriet Emily Congdon; *c.* Marion C.

Rudnick, Arthur William, ext. prof. dairy manufactures, Ia. State Coll., Ames, Ia.

Asst. dairying, Kans. State Agr. Coll., 1910-3; asst. prof. dairying, Ia. State Coll., 1913-8; present position, 1918-. Sec. Ia. Buttermakers Assoc. —*b.* Chicago, Ill., Dec. 22, 1887; *s.* John and Wilhelmina (Mueller) R.; reared in city; *m.* Alice Smay, Aug. 7, 1912; *c.* Arthur Wm. Jr. B.S., Ia. State Coll., 1910. Phi Lambda Upsilon; Gamma Sigma Delta.

Ruehe, Harrison August, head dairy dept. and prof. dairy manufactures, Univ. Ill., Urbana, Ill.

Instr. dairying, Univ. Calif., 1911-2; instr. dairy manufactures, Univ. Ill., 1912-3; assoc., 1913-7; asst. prof., 1917-9; acting head dept., 1919-21; head dept. and prof., 1921-. —*b.* Gilman, Ill., June 26, 1888; *s.* August Henry and Sarah (Williams) R.; reared in town; *m.* Phoebe Olive Barncoat, Sept. 7, 1918. B.S., Univ. Ill., 1911; M.S., 1916. Sigma Pi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Ruehle, Godfrey Leonard Alvin, asst. prof. bact. and res. assoc. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Asst. bact., N. Y. State Agr. Exp. Sta., Geneva, 1911-8; present position, 1918-. (Dairy bact.). —*b.* Stillwater, Minn., Oct. 30, 1884; *s.* Gustave Adolph and Mathilda (Kleps) R.; reared in town; *m.* Jennie Terwilliger, 1912; *c.* John Alvin, Jane Elizabeth. Grad. Pharmacy, Univ. Wash., 1906; B.S., 1908; M.S., 1910.

Rufiner, Robert H., prof .an. husb. and dairying, N. C. State Coll., W. Raleigh, N. C.

Asst. vet., Md. Exp. Sta., 1908-9; dairyman for Isthmian Canal Comn., Panama, 1909-10; asst. prof. an. husb., Md. Agr. Coll., 1910-3; prof., 1913-8; ext. dairy husb., Va. Poly. Inst., 1918-9; present position, 1919-. Sec. Md. State Dairymens Assoc.; dir. Md. Holstein-Friesian Breeders Assoc.; sales manag., Southern Holstein-Friesian Breeders Assoc., 1919-. Prof. zootechnics, U. S. Coll. Vet. Surgeons, 1915-8. —*b.* Fauquier Co., Va., May 22, 1882; *s.* Jas. W. and Sarah J. (Hogsett) R.; reared on farm; *m.* Frances H. Donovan, June 19, 1911; *c.* Robt. Francis, Charlotte Elizabeth. B.S., Md. Agr. Coll., 1908. Sigma Phi Sigma.

Ruggles, Arthur Gordon, state ent. and ent. Minn. Exp. Sta., University Farm, St. Paul, Minn.

Instr. ent., Univ. Minn., 1902-10; asst. prof., 1910-3; assoc. prof., 1914-9; prof. econ. ent., 1919-; ent., Pa. Chestnut Tree Blight Comn., 1912-3. Fellow A. A. A. S. —*b.* Annapolis Royal, N. S. (naturalized 1908); *s.* Arthur Stewart and Laura Elizabeth (Newcomb) R.; reared in small town; *m.* Bessie Dyer, Jan. 3, 1905; *c.* Elizabeth, Arthur G. Jr., Dyer Newcomb. B.S.A., Cornell Univ., 1901; M.A., 1904. Sigma Xi; Alpha Zeta; Gamma Alpha.

Rule, Arthur R., general manag. Fed. Fruit and Veg. Growers, Inc., 90 West St., New York, N. Y.

Organizer N. Amer. Fruit Exchange, 1911; General Sales Agency, 1915 merged with Fed. Fruit and Veg. Growers, 1922. Mem. Amer. com., Intern. Inst. Agr., Rome, Italy; trustee and mem. exec. com. Amer. Inst. Coop.; mem. exec. com. Nat. Council Coop. Marketing Assoc.; mem. Acad. Political Sci. Del. to Pres. Harding's Nat. Agrl. Conference, 1922; Pan Amer. Sci. Congress, 1915-6. —*b.* Goshen, Ky., Dec. 6, 1876; *s.* John and Mary W. R.; reared on farm; *m.* Elizabeth Bacon Wright, Mar. 21, 1903; *c.* Arthur R. Jr., Walter W., Patricia, Mary, Elizabeth.

Rumberger, Calvin Lee, co. agrl. agt., Uniontown, Pa.

Asst. state club leader, Pa., 1 yr. — *b.* Warrior's Mark, Pa., Sept. 1, 1898; *s.* Geo. E. and Luella W. (Wilson) R.; reared on farm; *m.* Jessie C. Hollinger, Sept. 19, 1923. B.S., Penn. State Coll., 1920. Alpha Zeta.

Rumbold, Caroline, path. for. path., Bur. Plant Ind., U. S. Dept. Agr., Madison, Wis.

Asst. bot., Univ. Mo., 1908-10. Fellow A. A. A. S. —*b.* St. Louis, Mo.; *d.* Thos. Frazier and Charlotte Elizabeth (Ledergeber) R. B.A., Smith Coll., 1901; M.A., Washington Univ., 1903; Ph.D., 1911; Dr. oec. publ., Munich Univ., 1907. Sigma Xi; Phi Beta Kappa.

Rummell, Leo Leavitt, ed. The Ohio Farmer, Cleveland, O.

Ed. publications, Ohio Exp. Sta., 1915-8; present position, 1918-. State inst. lect. Farm operator. *Joint auth.*: Rural Efficiency Guide, 1917. —*b.* Ohltown, O., Dec. 1, 1893; *s.* Elmer Ensign and Louise (McCombs) R.; reared on farm and in city; *m.* Alta Eason, Oct. 20, 1916; *c.* Maybel Louise. B.Sc., Ohio State Univ., 1915; M.Sc., 1917. Delta Sigma Rho.

Rumsey, William Earl, state ent., Morgantown, W. Va.

With ent. dept., W. Va. Exp. Sta., 1893-; state ent., 1913-. Third vice-pres. Amer. Assoc. Econ. Ent., 1915. —*b.* Van Etten, N. Y., Sept. 9, 1865; *s.* Sylvenus Dusenbury and Clarinda (Shoemaker) R.; reared on farm; *m.* Stella Edna Berkshire, Dec. 23, 1895; *c.* Neal Obeth, Virginia Clarinda. B.S.A., Cornell Univ., 1891.

Runk, Charles Raymond, assoc. prof. agron., Univ. Del., Newark, Del.

Lieut. U. S. Army, 1918. —*b.* Blanchester, O., Feb. 29, 1896; *s.* E. H. and Lida (Van Pelt) R.; reared on farm; *m.* Ruth M. Jefferson, Aug. 15, 1922; *c.* Jean K. B.S.A., Ohio State Univ., 1919; M.S., Univ. Del., 1923. Delta Theta Sigma.

Runnells, Russell Alger, assoc. an. path., Va. Poly. Inst., Blacksburg, Va.

General vet. practice, 1916-7; asst. prof. an. path., Mich. Agr. Coll., 1919-24; present position, 1924-. 2d Lieut. Vet. Corps, U. S. Army, 1917; 1st Lieut., 1918-9; Capt. Vet. O. R. C. Sec.-treas. Mich. State Vet. Med. Assoc., 1921-3. —*b.* Oceana, Va., June 21, 1891; *s.* Fred A. and Elizabeth (Scott) R.; reared on farm; *m.* Laura T. Marvin, July 6, 1918; *c.* Frances Eileen. D.V.M., Mich. Agr. Coll., 1916. Alpha Psi.

Rusk, Earl Wilson, co. agrl. agt., Carlinville, Ill.

Asst. an. husb., Univ. Mo., 1909-10; farm manag., 1910-3; farm adv., Audrain Co., Mo., 1913-5; agt. Adams Co., Ill., 1915-20; farm manag., Palmyra, Mo., 1920; agrl. agt. Macoupin Co., Ill., 1921-. —*b.* Champaign, Ill., Dec. 17, 1885; *s.* W. H. and Anna L. (Renner) R.; reared on farm; *m.* Selma O. DeWees, Oct. 27, 1909; *c.* Rowena, Leslie, Wm. DeWees, Fred Earl. B.S.A., Univ. Mo., 1909. Sigma Xi; Alpha Zeta; Chi Beta.

Rusk, Henry Perly, prof. beef cattle husb. and head an. husb. dept., Univ. Ill., Urbana, Ill.

Asst. an. husb., Univ. Mo., 1908-9; asst. an. husb., Purdue Exp. Sta. 1909-10; assoc. in beef cattle husb., Univ. Ill., 1910-3; asst. prof. and asst. chief in Exp. Sta., 1913-8; prof., 1918-; head dept. an. husb., 1922-. Sec. Ind. Cattle Feeders Assoc., 1909-10; sec. Ill. Cattle Feeders Assoc., 1911-8. —*b.* Rantoul, Ill., July 19,1884; *s.* Wm. H. and Anna L. (Renner) R.; reared on farm; *m.* Edith E. Hartley, June 28, 1911; *c.* Elizabeth Hartley, Martha Hartley. B.S., Univ. Mo., 1908; M.S.A., 1911. Sigma Xi; Alpha Zeta; Alpha Gamma Rho; Gamma Sigma Delta.

Russel, Jouette Clark, assoc. prof. agron., Univ. Neb., Lincoln, Neb.

Head dept. chem., McPherson Coll., 1911-3; res. asst., Univ. Minn., 1914; farmer, 1915; head dept. chem. and physics, McPherson Coll., 1915-7; head dept. chem., Neb. Wesleyan Univ., 1918; present position, 1919-. (Soils). —*b.* Galva, Kans., May 5, 1889; *s.* Robt. B. and Emily (Smith) R.; reared on farm; *m.* Ruth V. Samuelson, Aug. 9, 1916; *c.* Ruthanna Louise, Shirley Virginia, Mary Alice. B.S., McPherson Coll., 1911; M.S., Univ. Minn., 1918. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Alpha Chi Sigma; Phi Lambda Upsilon.

Russell, Harry Luman, dean Coll. Agr., Univ. Wis., Madison, Wis.

Asst. prof. bact., Univ. Wis., 1893-7; prof., 1897-1907; dean Coll. Agr. and dir. Exp. Sta., 1907-. Mem. Wis. State

Bd. For.; Wis. Tuberculosis Comn.; mem. staff U. S. Food Adminis., 1918; mem. agrl. com., Amer. Bankers Assoc., 1922-. Fellow A. A. A. S. *Auth.*: Public Water Supplies (with F. E. Turneaure), 1908; Experimental Dairy Bacteriology (with E. G. Hastings), 1914; Agricultural Bacteriology (with Hastings), 1915; Outlines of Dairy Bacteriology (with Hastings), 1915. (Agrl. bact.). —*b.* Poynette, Wis., Mar. 12, 1866; *s.* E. Fred and Lucinda E. (Waldron) R.; reared in village; *m.* H. May Delany, Dec. 20, 1893; *c.* Gertrude E., Eldon B. B.S., Univ. Wis., 1888; M.S., 1890; Ph.D., Johns Hopkins Univ., 1892. Phi Beta Kappa; Sigma Xi; Alpha Zeta.

Russell, Paul George, jr. bot., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Private Med. Corps, U. S. Army, 1918. Plant collector W. Mex., 1910; W. Indies, 1913; E. S. Amer., 1915. (Cucurbita; Japanese flowering cherries; foreign plant introduction). —*b.* Liverpool, N. Y., Apr. 24, 1889; *s.* Geo. Henry and Vina (Stanton) R.; reared in city; *m.* Joanna E. Best, Aug. 28, 1917; *c.* Stanton Best, Margaret Carty. A.B., Geo. Washington Univ., 1916; M.S., 1924. Sigma Nu.

Russell, Samuel Jr., famer, Middletown, Conn.

Farmer and breeder Hereford cattle, 1900-; vice-pres. Russell Mfg. Co.; pres. Middlesex Co. Farm Bur.; pres. N. E. Hereford Breeders Assoc. Served in Conn. House of Rep., 1911, 1915, 1917, 1921, 1925. Traveled in Europe and Egypt.—*b.* Middletown, Conn., Jan. 14, 1873; *s.* Samuel and Lucy McDonough (Hubbard) R.; reared in city; *m.* Julia Palmer Webster, 1898. Grad. St. Marks Sch., 1892; Harvard Univ., 1896.

Rutherford, John Gunion, comnr., Bd. of Ry. Comnrs. for Canada, Ottawa, Ont.; Dec. 25, 1857-July 24, 1923. See Rus 1920.

Rutherford, William John, prof. farm manag. and dean Coll. Agr., Univ. Sask., Saskatoon, Sask.

Mem. Sask. Live-Stock Bd.; Sask. Educ. Comn., 1912-3; Sask. Agrl. Instr. Com.; Sask. Winter Fair Bd.; Dominion Conservation Comn.; Adv. Council in Agr.; chm. Royal Comn. of Inquiry into Agr. of S. W. Sask., 1920; mem. Royal Grain Comn. (Canada), 1923, special comnr. sent to Europe, 1924. Del. conference of universities of British Empire, London, 1912; Rural Credits Conference, Chicago, 1916. Sent to Europe as special comnr. by Sask. Educ. Com., 1912. *Auth.*: Prairie Agriculture. —*b.* Madrid, N. Y., Jan. 9, 1868; *s.* John A. and Esther (Gray) R.; reared on farm; *c.* five. B.S.A., Univ. Toronto, 1903.

Ruzek, Charles Vladis, prof. soil fert., Ore. Agr. Coll., Corvallis, Ore.

Asst. prof. agron., Univ. Ark., 1909-13; asst. agron., Ark. Exp. Sta., 1909-13; present position, 1913-. —*b.* Chicago, Ill., Jan. 26, 1887; *s.* Jerome and Anna (Schader) R.; reared on farm and in city; *m.* Marie Farness, 1911; *c.* Jerome F., Chas. V. Jr. B.S.A., Univ. Wis., 1909.

Ryan, Frank J., teach. agr., Middlebury Acad. and Wyoming Union Sch., Wyoming, N. Y.

Teach. agr., Liberty, N. Y., 1913-8; princ. agr., Clymer, 1918-21; present position, 1921-. —*b.* N. Y., June 25, 1892; *s.* Jerry and Elizabeth (Griener) R.; reared on farm; *m.* Carolyn Intemann, Apr. 3, 1915; *c.* Harold Arthur, Marjory Lois. Student Cortland State Normal Sch.

Ryerson, Knowles Augustus, hort., Agr. Exp. Sta., Service Technique, Port-au-Prince, Haiti.

Asst. state club leader, Univ. Calif., 1919-22; asst. farm adv., Los Angeles Co., 1922-4; farm adv., 1924-5; present position, 1925-. Awarded Chevalier du Merite Agricole, France. Served in A. E. F. —*b.* Seattle, Wash., Oct. 17, 1892; *s.* Will A. and Jessie (Knowles) R.; reared on farm and in city; *m.* Emma M. Freeman, Aug. 3, 1921. B.S., Univ. Calif., 1916; M.S., 1924. Alpha Kappa Lambda; Alpha Zeta; Phi Delta Kappa.

S

Sachs, Ward Hanson, assoc. prof. agron., Univ. Ark., Fayetteville, Ark.

Assoc. soils, Ill. Agr. Exp. Sta., 1910-6, 1917-8; chg. acid control lab., Picric Acid Plant, Little Rock, Ark., 1918; present position, 1919-. —*b.* Towanda, Ill., Oct. 25, 1887; *s.* Hans and Martha (Moats) S.; reared in town; *m.* Mabel Straight, 1911; *c.* Lois Miriam, Ward H. Jr. B.S., Ill. Wesleyan Univ., 1910; A.M., Univ. Mo., 1917. Sigma Xi; Tau Kappa Epsilon.

Sackett, Walter George, bact., Colo. Exp. Sta., Fort Collins, Colo.

Prof. nat. sci., Meredith Coll., Raleigh, N. C., 1902-4; asst. prof. bact. and hygiene and asst. bact. Exp. Sta., Mich. Agr. Coll., 1904-8; present position, 1908-. Fellow A. A. A. S. *Auth.*: Chapters on Bacterial Diseases of Plants in Marshall's Microbiology, 1911-7. —*b.* Sterling, Ill., July 5, 1880; *s.* Walter C. G. and Emma L. (Hagey) S.; reared in city; *m.* L. Margaret Ferguson, 1905; *c.* Mariana Wray, Elizabeth Hagey. B.S., Univ. Chicago, 1902; Ph.D., 1918. Phi Beta Kappa; Sigma Xi; Alpha Zeta.

Sahr, Gabriel William, dir. agr., high-sch., Geyserville, Calif.

Agrst., Boys Ind. Sch., Hawaii, 1914; agrst. Lahainaluna Sch., 1915-6; res. agrst., Pioneer Sugar Milling Co., Lahaina, Hawaii, 1916-7; pineapple and sugar-cane grower, 1918-20; food adminis. Co. of Kauai, 1917-8; deputy comnr. public lands, Co. of Kauai, 1918-23; present position, 1923-. Agrl. Farm Loan Bd. of Hawaii, and Fed. Land Bank of Berkeley, Calif.; mem. Ind. Accident Bd. of Hawaii. (Pom.). —*b.* W. Roxbury, Mass., Mar. 3, 1892; *s.* Curt and Agnes (Boos) S.; reared on farm; *m.* Ruella Miller French, Aug. 6, 1919; *c.* Ruella Louise. B.S., Mass. Agr. Coll., 1914; grad. student Univ. Calif., 1923.

Ste.-Marie, J. Antonio, supt. Exp. Sta., St.-Anne-de-la-Pocatiere, Que.

Live-stock farmer, Compton, Que., 8 yrs. Dir. Canadian Ayrshire Breeders Assoc., 1923-. —*b.* St. Isidore, Que., Feb. 10, 1886; *s.* M. and Elumena (Patenaude) S.; reared on farm; *m.* Marie-Louise Savard, 1919; *c.* Pierre Paul. B.S.A., McGill Univ., 1916.

Salisbury, George W., asst. co. agt. leader, Kans. State Agr. Coll., Manhattan, Kans.

Princ. Atchison Co. high-sch., Effingham, Kans., 1915-8; agt. Labette Co., 1919-20; present position, 1920-. In U. S. Army, 1918. —*b.* Astoria, Ill., Nov. 17, 1888; *s.* Wm. and Angeline (Stephens) S.; reared on farm; *m.* Lois E. Marsh, June 12, 1918; *c.* Ruth Elaine, Ralph Wm. B.S., Univ. Ill., 1915.

Salisbury, Schuyler Marsh, prof. an. husb. ext., Ohio State Univ., Columbus, O.

Instr. dairying, N. C. A. & M. Coll., 1913-5; asst. prof. an. husb., Ohio State Univ., 1915-8; co. agrl. agt., Medina, O., 1918-20; prof. and head dept. an. husb., Mass. Agr. Coll., 1920-3; present position, 1923-. —*b.* Collinwood, O., June 29, 1889; *s.* Joseph G. and Lina (Marsh) S.; reared on farm; *m.* Golda Ree Wade, June 29, 1909; *c.* Glenn W., Genevieve, Joseph D. B.S.A., Ohio State Univ., 1913.

Salmon, Samuel Cecil, prof. farm crops, Kans. State Agr. Coll., Manhattan, Kans.

Special agt., U. S. Dept. Agr., 1908-11; plant physiologist, 1911-3; present position, 1913-. —*b.* Emery, S. D., July 25, 1885; *s.* A. G. and Lucy (Merrill) S.; reared on farm; *m.* Ada Miner, Mar., 1908; *c.* Miner Ray, Mary Aurolyn. B.S., S. D. State Coll., 1907.

Salmon, Stephen Oliver, teach. agr., high-sch., Endicott, N. Y.

Teach. agr., Millbrook Mem. Schs., 1918-20; princ. Leland and Gray Sem., Townshend, Vt., 1920-1; present position, 1921-. Vice-pres. N. Y. State Assoc. Agrl. Teach., 1923-4; pres., 1924-5. Started farmers clubs in the high-sch. agrl. depts. in New York State. —*b.* Southold, N. Y., Dec. 8, 1894; *s.* Wm. Oliver and Lillian (Glover) S.; reared on farm; *m.* Mary Francis Patterson, Jan. 29, 1918; *c.* Stephen Edgar, Mary

Francis. B.S.A., Syracuse Univ., 1918. Sigma Beta; Gamma Alpha Epsilon.

Salter, Elizabeth, asst. state club leader, Univ. Wis., Madison, Wis.

b. Unity, Wis.; *d.* J. W. S. B.S., Univ. Wis., 1923. Gamma Alpha Epsilon.

Salter, Robert Mundhenk, asst. prof. soils, Ohio State Univ., Columbus, O.

Instr., Ohio State Univ., 1914-5; asst. soils chem., W. Va. Exp. Sta., 1915-6; soils chem. and asst. prof. soils, W. Va., Univ., 1916-9; agron. and prof. agron., 1919-21; prof. soils ext., Ohio State Univ., 1921-4; asst. prof. soils, 1924-. —*b.* Huntington, Ind., Mar. 31, 1892; *s.* Wm. A. and Minnie E. (Mundhenk) S.; reared in country; *m.* Sara Opal Godfrey, Aug. 14. 1917; *c.* Elizabeth Ann, Robt. M. Jr., Barbara Jane. B.S.A., Ohio State Univ., 1913; M.Sc., 1914. Sigma Xi; Delta Theta Sigma; Phi Lambda Upsilon.

Sammis, John Langley, assoc. prof. diary husb., Univ. Wis., Madison, Wis.

Instr. chem., Univ. Ill., 1900-5; asst. prof. dairy husb., Univ. Wis., 1907-12; assoc. prof., 1912-. —*b.* Winona, Minn., Jan. 1, 1873; *s.* John Bangs and Malvina Augusta (Newman) S.; reared in suburbs; *m.* Flora Elizabeth Curtis, June 30, 1898; *c.* Marguerite, Malvina Elizabeth, Josephine, John Curtis. B.S., Univ. Ill., 1897; M.S., 1899; Ph.D., Univ. Wis., 1906. Phi Lambda Upsilon.

Sampson, Harry Oscar, superv. agrl. educ., Dept. Public Instr., Trenton, N. J., and prof. agrl. educ., Rutgers Coll., New Brunswick, N. J.

Teach. agr., high-sch., Waterford, Pa., 1904-6; asst. agrl. educ., U. S. Dept. Agr., 1906-8; princ. Sch. Agr., Intern. Correspondence Schs., Scranton, Pa., 1908-14; prof. agr., Winthrop Normal Coll., Rock Hill, S. C., 1915-8; present position, 1918-. *Auth.*: Effective Farming, 1918. *Ed.*, agrl. text-books for Intern. Correspondence Schs., 1908-14. —*b.* Dodgeville, Wis., Apr. 21, 1879; *s.* Wm. and Agnes (Shipley) S.; reared in country and small city; *m.* Harriet Louise Nairn, May 29, 1908; *c.* Louise Nairn, H. O. Jr. B.S., Ia. State Coll., 1903; B.S.A., 1904; M.A., Columbia Univ., 1921. Phi Gamma Delta.

Sams, John Robert, co. agrl. agt., Columbus, N. C.

Supt. schs., Madison Co., Tenn., 1870-4; pres. Mars Hill Coll., 1868-72; farmer. Served in State Home Guards, 1862-4, Civil War. —*b.* Washington Co., Tenn., July 15, 1848; *s.* L. W. and Ailey (Brown) S.; reared on farm; *m.* Loduska Carter, Aug. 4, 1870; *c.* Eugenia, Chas., Emmett, Mae, Flossie, Bessie, Robbie. Grad. Mars Hill Coll., 1870.

Samson, Harold Willis, asst. chief marketing specialist, Fruits and Vegetables Div., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Distr. hort. insp., Wash. State Dept. Agr., 1912-8; present position, 1918-. —*b.* Puyallup, Wash., Feb. 13, 1888; *s.* Elmer E. and Margaret (Willis) S.; reared on farm; *m.* Gladys Lockwood, Aug. 20, 1913; *c.* Elizabeth, Catherine. B.S., Univ. Calif. Sigma Alpha Epsilon.

Sanberg, Linus Walter, teach. voc. agr., high-sch., Jerome, Ida.

Instr. voc. agr., high-sch., Oakly, Ida., 1922-4; Jerome, 1924-. —*b.* Garden City, Minn., July 4, 1899; *s.* Chas. and Clara (Walter) S.; reared on farm; *m.* Madelyn Hanafin, Apr. 26, 1924. B.S.A., Univ. Ida., 1922. Beta Theta Pi; Alpha Zeta.

Sanborn, Charles Emerson, prof. ent. and ent. Exp. Sta., Okla. A. & M. Coll., Stillwater, Okla.

Expert ent., Bur. Ent., U. S. Dept. Agr., 1905-8; acting state ent. of Tex., 1908; asst. ent., Ill., 1908-9; present position, 1909-. Consulting ent., State Bd. Agr. Pres. Okla. Acad. Sci., 1924. —*b.* La Plata, Mo., Apr. 16, 1877; *s.* Alonzo E. and Catherine Elizabeth (Bailey) S.; reared on farm; *m.* Leoana Frances McLaughlin, June 1907; *c.* Elizabeth Jane, Roberta. B.A., Univ. Kans., 1903; M.A., 1905. Sigma Xi; Phi Kappa Phi; Phi Sigma; Acacia.

Sanborn, Jeremiah Wilson, farmer, Pittsfield, N. H.

Farm supt., teach., invest., N. H. Coll., 1876-82; dean faculty agr., Univ. Mo., 1882-9; pres. Utah Agr. Coll., 1889-94. Sec. Mo. Bd. Agr., 1882-7; mem. N. H. Bd. Agr., 1874-82, 1910-25. Mem. N. H. Legislature, 1875-6, 1909-10, 1925. Supt. schs., Gilmanton, 8 yrs. Pres. Kearsage Nat. Farm Loan Assoc. *Auth.*: World Progress in Agriculture. —*b.* Gilmanton, N. H., Feb. 4, 1847; *s.* Geo. Wilson and Mary Ann (Brown) S.; reared on farm; *m.* Belle Greyham Osborne, June 4, 1872; 2d Lynn E. Wilson; *c.* Harry Wilson, Alice, Carl Jeremiah. B.S., M.S., N. H. Coll.; LL.D., Utah Agr. Coll.

Sanborn, Nathan Willard, prof. poultry husb., Univ. Fla., Gainesville, Fla.

Poultry and fruit farmer, Holden, Mass., 1906-16; ext. poultry husb., Univ. Fla., 1918-9; prof., 1920-. Asst. ed. American Poultry Advocate, 8 yrs. —*b.* Marblehead, Mass., May 7, 1859; *s.* Nathan P. and Mary Ann (Sanders) S.; reared in town; *m.* Annie S. Mathewson, 1885; *c.* Willard French, Ruth Mary. M.D., Dartmouth Coll., 1880; Univ. City of N. Y., 1881. Beta Theta Pi.

Sanctuary, William Crocker, acting dir. N. Y. State Sch. Agr., Morrisville, N. Y.

Instr., N. Y. State Sch. Agr., Morrisville, 1914-7, 1919-21; prof. poultry husb., Mass. Agr. Coll., 1921-4; present position, 1924-. 2d Lieut. Signal Corps, U. S. Army, 1917-9. —*b.* Essex Jct., Vt., Oct. 16, 1888; *s.* Alfred Florence and Harriet Frances (Crocker) S.; reared in village and on farm; *m.* Florence Edna Coombs, July 5, 1923; *c.* Robt. Eugene. B.S., Mass. Agr. Coll., 1912. Theta Chi.

Sanders, Alvin Howard, ed. The Breeders Gazette, 542 S. Dearborn St., Chicago, Ill.

Mem. U. S. Comn., Paris Expos., 1900; vice-chm., U. S. Tariff Bd., 1908-12; mem. Agrl. Adv. Bd. of Ill., 1917. Vice-pres. Intern. Live-Stock Expos. Chevalier of the Order of Leopold, Belgium; Officier du Merite Agricole, France. *Auth.*: History of Shorthorn Cattle, 1900; The Story of the Herefords, 1914; At the Sign of the Stock Yard Inn, 1915; The Road to Dumbiedykes, 1916; A History of the Percheron Horse (with Wayne Dinsmore), 1917; The Black Swans, 1918; In Winter Quarters, 1920. —*b.* Keokuk Co., Ia., Sept. 8, 1860; *s.* Jas. H. and Martha (Rodgers) S.; reared on farm; *m.* Elizabeth A. Hildebrand, Apr. 25, 1882; *c.* Elizabeth, Louise, Alva. LL.B., Northwestern Univ., 1881; D.Agr., Univ. Ill., 1906; LL.D., Kenyon Coll., O., 1910. Chi Phi.

Sanders, Frank Reed, farmer and stockman, Phoenix, Ariz.

Breeder Guernsey and Holstein-Friesian cattle, N. H. and Ariz. Mem. exec. com. Ariz. Dairy Producers Assoc.; mem. comn. to investigate foot-and-mouth disease, 1924-; live-stock ed. Arizona Producer. Traveled in Europe, 1906, 1907. —*b.* Sanbornton, N. H., Feb. 9, 1879; *s.* Jas. W. and Maria S. (Mason) S.; reared on farm. Student N. H. A. & M. Coll.

Sanders, George Ethelbert, manag. N. Y. Insecticide Co., Inc., Medina, N. Y.

Insp. nurseries and asst. ent., Ill. Agr. Exp. Sta., 1907-10; insp. nurseries and asst. ent. in chg. insecticide invests., Dept. Agr., Ottawa, Ont., 1910-21; dir. res. dept., Dosch Chem. Co., Louisville, Ky., 1922; manag. Deloro Chem. Co., Deloro, Ont., 1923-4; present position, 1924-. Fellow A. A. A. S. —*b.* Round Hill, N. S., Mar. 28, 1884; *s.* Samuel and Eliza (Whitman) S.; reared on farm; *m.* Georgina Roop, June 14, 1915. B.S.A., Univ. Toronto and Ont. Agr. Coll., 1907.

Sanders, James G., manag. spray oil dept., Sun Oil Co., Philadelphia, Pa.

Fellow and sci. asst., Ohio State Univ., 1902-5; expert, U. S. Bur. Ent., 1905-10; prof. ent., Univ. Wis., 1910-5; state ent., Wis., 1915-6; state zool., Pa., 1916-9; sec. Amer. Assoc. Hort. Insps., 1913-9; dir. Pa. Bur. Plant Ind., 1919-23. Pres. Amer. Assoc. Econ. Ent., 1922. Rep. Fed. Hort. Bd. to study potato wart disease in British Isles, 1919. (Homopterous insects). —*b.* Louisville, O., July 17, 1880; *s.* Franklin P. and Elma J. (Gindlesperger) S.; reared on farm; *m.* Anna Salome Wingate, Aug. 15,

1906; *c.* Elma Salome. Ph.B., Otterbein Univ., O., 1901; M.A., Ohio State Univ., 1903. Sigma Xi; Delta Upsilon.

Sanders, Jesse Thomas, head dept. agrl. econ., Okla. A. & M. Coll., Stillwater, Okla.

Head rural educ. dept. and manag. farm, La. State Normal Sch., 1917-8; manag. Knapp Farm, Geo. Peabody Coll., 1919; asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., 1919-24; present position, 1924-. Private U. S. Army, World War. (Farm tenancy and ownership). —*b.* Duncanville, Tex., Feb. 26, 1889; s. W. N. and Mattie (Garner) S.; reared on farm; *m.* Margaret Boylin, July 26, 1917; *c.* Mildred Virginia. A.B., Univ. Okla., 1915; M.A., Geo. Peabody Coll., 1916.

Sanders, Paul Haddon, assoc. ed. Southern Ruralist, 116 E. Hunter St., Atlanta, Ga.

Formerly asst. boys club agt., U. S. Dept. Agr. and Miss. A. & M. Coll. (Swine, club work). —*b.* Kosciusko, Miss., Sept. 21, 1894; *s.* Wiley and Fannie (Stokes) S.; reared in town; *m.* Ruth B. Jennings, Apr. 17, 1915; *c.* Ruth B., Mary O. B.S., Miss. A. & M. Coll., 1914.

Sanders, Vergil A., statistician in chg. New England crop reporting serv., Box B, Wakefield, Mass.

Sch. teach., 4 yrs.; field agt., Dept. Commerce and Labor., 1907-13; in chg. crop reporting serv. for New England, 1913-. —*b.* Orleans, Ind., Dec. 9, 1878; *s.* L. F. P. and Sarah J. (Elrod) S.; reared on farm; *m.* Van E. Atkinson, Aug. 24, 1905; *c.* Nelle Gayl, Alma Elrod. A.B., Ind. Univ., 1907; grad. student Univ. Wis., 1½ yrs.

Sanderson, Ezra Dwight, prof. rural organization, Cornell Univ., Ithaca, N.Y.

Asst. state ent., Md., 1898-9; ent., Del. Exp. Sta., 1899-1902; state ent., Tex. A. & M. Coll., 1902-4; prof. zool. and ent., N. H. A. & M. Coll., 1904-10; dir. N. H. Exp. Sta., 1907-10; dean Coll. Agr., W. Va. Univ., 1910-5; dir. W. Va. Exp. Sta., 1912-5; present position, 1918-. Past pres. Amer. Assoc. Econ. Ent. *Auth.*: Insects Injurious to Staple Crops, 1902; Insect Pests of Farm, Garden and Orchard, 1911; Elementary Entomology (with C. F. Jackson), 1911; School Entomology (with L. M. Peairs), 1917; The Farmer and His Community, 1922. —*b.* Clio, Mich., Sept. 25, 1878; *s.* John Phillip and Alice Gertrude (Wright) S.; reared in city; *m.* Anna Cecilia Blandford, Sept. 19, 1899. B.S., Mich. Agr. Coll., 1897; B.S.A., Cornell Univ., 1898; Ph.D. Univ. Chicago, 1921. Sigma Xi.

Sandhammer, Frank, co. agrl. agt., Urbana, O.

Teach. agr., high-sch., Hart, Mich., 1913-4; state high-sch., Rushford, Minn., 1914-6; agrl. agt. Manistee Co., Mich., 1916-9; asst. co. agt. leader, Mich. Agr. Coll., 1919-20; agrl. agt. Champaign Co., O., 1921-. —*b.* Chicago, Ill., Feb. 1, 1891; *s.* John A. and Mary A. (Hennecke) S.; reared on farm; *m.* Imo Zoe Morrow; *c.* Jean May. B.S., Mich. Agr. Coll., 1913.

Sandige, John Richard, manag. Pleasant Valley Farms Co., Claypool, **Ariz.**

Asst. agrst., agrl. sch., Los Angeles, Calif., 1911; Tempe Normal Sch., Ariz., 1912-4; asst. bot., Univ. Ariz. and teach. sch. gardens, State Deaf and Dumb Sch., 1914-5; chg. war garden, Inspiration, Ariz., 1917-9; co. agrl. agt., Claypool. (Apples, swine). —*b.* Edwardville, Ill., Aug. 19, 1892; *s.* Abner W. and Alice (Lambert) S.; reared on farm; *m.* Florence Dunbar, July 15, 1918. B.S., Univ. Mo., 1917. Sigma Kappa Zeta.

Sandsten, Emil Peter, prof. hort., Colo. Agr. Coll., Fort Collins, Colo.

Assoc. prof., Md. Agr. Coll., 1902; prof. hort., Univ. Wis., 1903-10; commercial hort., Mont., 1910-2; prof. hort., Ala. Poly. Inst., 1913; present position, 1913-. State hort. of Colo. Traveled in Mexico 1 yr. investigating rubber, tobacco, sugar industries. Fellow Royal Hort. Soc. of England. —*b.* Kalmar, Sweden, Sept. 15, 1868 (naturalized 1894); *s.* Joel and Charlotte (Gustafson) S.; reared on farm; *m.* Pearl Dew, Sept. 24, 1903; *c.* Emilie Dew. B.S., Univ. Minn., 1895; M.S., 1898; Ph.D., Cornell Univ., 1903. Sigma Xi; Alpha Zeta.

Sanford, Herbert Luther, assoc. ent. Fed. Hort. Bd., U. S. Dept. Agr., Washington, D. C.

b. Ithaca, N. Y., Aug. 6, 1883; *s.* Chas. Judson and Helen Butler (Brown) S.; reared in city; *m.* Nellie LaBarre Dougherty, June 26, 1912. B.S.A., Cornell Univ., 1910.

Sargent, Christopher Gilbert, prof. rural educ. and state dir. voc. educ., Colo. Agr. Coll., Fort Collins, Colo.

Co. supt. schs., Mess Co., Colo., 1908-12; present position, 1912-. —*b.* Vincennes, Ia., Mar. 25, 1872; *s.* Stephen and Mary (Noel) S.; reared on farm; *m.* Mary L. Bandy, Sept. 27, 1899; *c.* Cecil, Helen, Roger, Homer, Howard. A.B., Parsons Coll., Fairfield, Ia., 1899; Pd.M., Colo. State Teach. Coll., 1912; B.S.A., Colo. Agr. Coll., 1919; M.A., Parsons Coll., 1922.

Sarle, Charles Faye, agrl. statistician, Div. Crop and Live-stock Estimates, U. S. Dept. Agr., Washington, D. C.

Sci. asst. farm manag., U. S. Dept. Agr., Morgantown, W. Va., 1916-9; instr. voc. agr., high-sch., Indianola, 1919-22; present position, 1922-. Awarded Babson prize by Amer. Econ. Assoc. for essay on price forecasting, 1924. Served in photographic branch U. S. Air Serv., 1918. —*b.* Laurens, N. Y., Apr. 7, 1892; *s.* Willis C. and Grace (Warren) S.; reared on farm and in village; *m.* Lois M. Day, Nov. 1921; *c.* Robt. Kendric, Patricia Ann. B.S., Cornell Univ., 1916; M.S., Drake Univ., Des Moines, Ia., 1924.

Sasman, Louis Milton, state superv. voc. agrl. educ., 640 Pickford St., Madison, Wis.

Teach. agr., high-sch., Walworth, Wis., 1918; New Richmond, 1919-20; Omro, 1921-2; Cent. Rural Sch., Chazy, N. Y., 1923; present position, 1924-. —*b.* Black Creek, Wis., Apr. 3, 1894; *s.* Fred and Ethel (Brainerd) S.; reared on farm; *m.* Nina E. Packard, June 14, 1921; *c.* Eugene Louis, Robt. Thos. B.S., Univ. Wis., 1912.

Sasscer, Ernest Ralph, ent. and exec. officer, Fed. Hort. Bd., U. S. Dept. Agr., Washington, D. C.

Bur. Ent., U. S. Dept. Agr., 1904-12; Fed. Hort. Bd., 1912-. Pres. Washington Ent. Soc., 1918-9; chm. Amer. Assoc. Hort. Insps., 1924. Fellow A. A. A. S.; mem. Wash. Acad. Sci. —*b.* Waldorf, Md., Oct. 23, 1883; *s.* P. E. and Ada T. (Huntt) S.; reared in town; *m.* Mary K. Lynch, Oct. 6, 1913; *c.* Elizabeth Ann. B.S., Md. State Coll., 1904; M.S., 1913.

Satterthwait, Alfred Fellenberg, assoc. ent. in chg. U. S. Ent. Lab. for cereal and forage insect invests., Kirkwood, Mo.

Farmer, Pa., 1901-4; in Div. Zool., Pa. Dept. Agr., 1905-10; solicitor Provident Life and Trust Co., Philadelphia, 1910-3; U. S. Bur. Ent., 1913-. (Billbugs). —*b.* Fairville, Pa., Apr. 9, 1879; *s.* Geo. T. and Sarah C. (Conard) S.; reared on farm; *m.* Elizabeth Allen, June 22, 1911. Jessup scholarship, Acad. Nat. Sci., Philadelphia.

Saunders, Charles E., agrst., care Canadian Soc. Tech. Agrsts., Ottawa, Ont.

Dominion cerealist, Cent. Exp. Farms, Ottawa, 1903-22. —*b.* London, Ont., Feb. 2, 1867; *s.* Wm. and Sarah Agnes (Robinson) S.; reared in city; *m.* Mary Blackwell, Dec. 28, 1892. B.A., Univ. Toronto, 1888; Ph.D., Johns Hopkins Univ., 1891; LL.D., Univ. W. Ont., 1921; D.Sc., Univ. Toronto, 1924.

Saunders, William D., head dairy and an. husb. dept., Va. Poly. Inst., Blacksburg, Va.

In chg. creamery, Va. Poly. Inst.; adj. prof. and prof. dairy husb. and head dept. Sec. Va. State Dairymens Assoc., 1906-14; dairy and food comnr., Va., 1908-14. —*b.* Hunter Hall, Va., Sept. 3, 1865; *s.* Peter and Elizabeth Lewis (Dabney) S.; reared on farm; *m.* Bettie Montgomery, July 12, 1899; *c.* Robt. N., Wm. D., Elizabeth L., Isabella F. Student Univ. Va., Cornell Univ.

Sauve, Edmund Chester, asst. prof. agrl. engin., Mich. State Coll., E. Lansing, Mich.

Instr., Mich. Agr. Coll., 1914-5; Univ. Wis., 1915-9; present position, 1919-. (Internal combustion engine). —*b.* E.

Tawas, Mich., Mar. 1, 1887; *s.* Benj. and Louisa (LaFountain) S.; reared in city; *m.* Anna M. Smith, Sept. 1915 (d. 1918); 2d, Catherine Martin, Aug. 1921; *c.* Vincent Michael. B.S., Mich. Agr. Coll., 1911.

Savage, Alfred, prof. an. path., Man. Agr. Coll., Winnipeg, Man.

Coll. vet., Macdonald Coll., 1914-5, 1919-21; present position, 1921-. Pres. Vet. Assoc. of Man. Capt. Vet. Corps, Canadian Army, 1915-9. On ed. staff Scientific Agriculture, Ottawa, and Canadian Veterinary Record, Toronto. (Bovine venereal infections). —*b.* Montreal, Que., Aug. 10, 1889; *s.* Robt. D. and Jessie F. (Ritchie) S.; reared in town and country. B.S.A., McGill Univ., 1911; D.V.M., Cornell Univ., 1914. Pi Kappa Alpha; Alpha Psi.

Savage, Charles Frederic, co. sec. Y. M. C. A., 140 S. Orange St., New Haven, Conn.

b. Baraboo, Wis., July 1, 1877; *s.* Joseph N. and Arabella B. (Hurlbut) S.; reared on farm; *m.* Ethel E. Rich, Sept. 15, 1906; *c.* Donald H., F. Waldo. A.B., Brown Univ., 1904. Phi Beta Kappa; Phi Delta Theta.

Savage, Elmer Seth, prof. an. husb., Cornell Univ., Ithaca, N. Y.

Asst. an. husb., Cornell Univ., 1907-8; instr. 1908-10; asst. prof., 1910-3; prof., 1913-. *Auth.*: Feeds and Feeding Manual, 1915; (with L. A. Maynard) Better Dairy Farming, 1923. (Feeding live-stock). —*b.* Lancaster, N. H., June 15, 1884; *s.* John and Katherine M. (Daley) S.; reared on farm; *m.* Clara Blanford, Sept. 8, 1908; 2d, Genevieve Boyle, June 29, 1916; *c.* Ruth Cecilia, Clara Catherine, Mary Gene, Joan. B.S.A., N. H. A. & M. Coll., 1905; M.S.A., Cornell Univ., 1909; Ph.D., 1911. Sigma Xi; Kappa Sigma; Alpha Zeta; Gamma Alpha.

Savage, Henry Isaacs, teach. sci. and agr., Gonzales High-Sch., Chualar, Calif.

Teach. sci. and agr., high-sch., Bishop, Calif., 1917-8; princ. Laton and Cloverdale high-schs., 1918-20; present position, 1920-. Chm. sci. sect. Cent. Coast Sect., Calif. Teach. Assoc., 1925. —*b.* Olympia, Wash., Aug. 13, 1891; *s.* Geo. Marvin and Bessie J. (Isaacs) S.; reared on farm and in city; *m.* Blanche Lovelace, June 10, 1918. B.S., Ore. Agr. Coll., 1914.

Saville, Harry Lucian, princ. and instr. agr., Climax High-Sch., Chatham, Va.

Present position, 1919-. Served in Engin. Corps, 1918-9. —*b.* Murat, Va., Nov. 7, 1891; *s.* John W. and Mary E. (Miller) S.; reared on farm; *m.* Cora H. Treakle, June 19, 1919; *c.* Harry L. Jr., Robt. Edwin. A.B., Washington and Lee Univ., 1912; A.M., Princeton Univ., 1914.

Savoie, Francois Narcisse, sec. Dept. Agr., Quebec, Que.

Prof. cereal husb., Agrl. Sch., St. Anne-de-la-Pocatiere, 1913-6; sec. of agr. and dir. co. agrsts. for Que., 1916-. Dir. Canadian Seed Growers Assoc. —*b.* Plessisville, Que., July 29, 1886; *s.* Georges and Philomene (Tardif) S.; reared on farm and in town; *m.* Marguerite DeGagrave, Feb. 1, 1915. B.S.A., McGill Univ., 1913.

Sawtelle, Donald Wing, asst. prof. agrl. econ., Mass. Agr. Coll., Amherst, Mass.

Grad. asst., Univ. Wis., 1915-7; fellow econ., 1917-8; instr., Mass. Agr. Coll., 1918-21; asst. prof., 1921-. —*b.* Sidney, Me., Dec. 28, 1888; *s.* Ambrose and Phebe (Wing) S.; reared on farm; *m.* Emily F. Hoag, Aug. 30, 1922; *c.* Donald W. Jr. B.S., Univ. Me., 1913; M.S., Univ. Wis., 1915. Alpha Zeta.

Sawyer, Dale E., co. agrl. agt., Bainbridge, Ga.

Practice vet. med., 1903-14; stock farmer, Ala., 1914-7; co. agrl. agt., Ga., 1917-. —*b.* Fruitland, Mo., June 4, 1880; *s.* Robt. M. and Mattie E. (Wallace) S.; reared on farm; *m.* Ada Hessee, July 30, 1905. D.V.S., Kans. City Vet. Coll., 1903.

Sawyer, George Howard, farmer, Waterford, Calif.

Pres. Stanislaus Co. Farm Bur., 1918-21; dir. Calif. Farm Bur. Fed., 1919-23; dir. Amer. Farm Bur. Fed., 1919-20;

pres. Calif. Farm Bur. Elevator Corp., 1920-1; pres. Commercial & Savings Bank of Waterford, 1920-; sec.-treas. Hickman Nat. Farm Loan Assoc., 1917-; dir. Fed. Land Bank of Berkeley, 1923-; dir. Fed. Intermediate Credit Bank of Berkeley, 1923-. —*b.* San Jose, Calif., July 26, 1888; *s.* Wesley C. and Minnie (Birge) S.; reared in town; *m.* Lena E. Nelson; *c.* Wesley, Evelyn, Marian, Ruth, Minnie. Student Coll. of Pacific, Harvard Univ., Univ. Calif.

Sayre, Charles Bovett, assoc. in hort. res., N. Y. State Agr. Exp. Sta., Geneva, N. Y.

Asst. olericulture, Univ. Ill., 1913; asst. prof. veg. gard., Purdue Univ., 1914-7; asst. prof. and asst. chief in olericulture, Univ. Ill., 1920-5; present position, 1925-. Lieut.-Col. Field Art., U. S. Army, 1917-8. —*b.* Chicago, Ill., Jan. 3, 1891; *s.* Chas. Edward and Evaline (Bovett) S.; reared in city and on farm. B.S.A., Univ. Ill., 1913; M.S., 1924. Sigma Xi; Alpha Zeta.

Scammell, Harold Besnard, cranberry grower, Toms River, N. J.

Asst. to state ent., Minn. Exp. Sta., 1910-1; ent. asst., U. S. Dept. Agr., 1913-8. (Cranberry and blueberry insects). —*b.* Brooklyn, N. Y., Oct. 7, 1885; *s.* Frederick Ernest and Margaret Amelia (McAdam) S.; reared in town; *m.* Elizabeth Cutler, June 11, 1912; *c.* Margaret Cutler, Frederick Ernest, Elizabeth. B.S., Colo. Agr. Coll., 1910. Alpha Zeta.

Scarborough, Donald Dewey, supt. 7th Distr. A. & M. Sch., Powder Springs, Ga.

Instr. agrl. educ., Univ. Ga., 1923-4; present position, 1924-. —*b.* Marietta, Ga., Aug. 27, 1897; *s.* Isaac Newton and Samuella (Scudder) S.; reared on farm; *m.* Willie Raulerson, Dec. 1923. B.S.A., Univ. Ga., 1922; M.S.A., 1924. Alpha Zeta; Phi Kappa Phi.

Scarborough, William F., co. agrl. agt., Batesville, Ark.

City ed. Bee, DeQueen, Ark., 1915-8; tax assessor, Sevier Co., 1920-2; present position, 1922-. —*b.* Relf's Bluff, Ark., Oct. 23, 1897; *s.* Sam A. and Sallie (Burks) S.; reared on farm. B.S.A., Univ. Ark., 1922.

Schaefer, Irving Otto, teach. agr., high-sch., Montrose, Colo.

Present position, 1920-. 2d Lieut. Field Art., U. S. Army, 1918-9; Capt. Inf., Colo. Nat. Guard, 1924. (An. husb.). —*b.* Toledo, O., July 13, 1896; *s.* O. W. and Pauline (Waldrogel) S.; reared in town; *m.* Gertrude Lawver, June 26, 1921; *c.* Emily Gertrude, Irving O. Jr. B.S., Colo. Agr. Coll., 1920. Sigma Alpha Epsilon.

Schaefer, Otto G., assoc. prof. dairy husb., Univ. Minn., University Farm, St. Paul, Minn.

Grad. asst., Univ. Minn., 1920-1; agrl. agt. Steele Co., 1921-2; dairy specialist, Penn. State Coll., 1922-3; present position, 1923-. 2d Lieut. Engin. Corps, U. S. Army, World War. —*b.* Washington, Mo., Nov. 14, 1892; *s.* Louis and Ida S.; reared on farm. B.S., Univ. Mo., 1918; M.S., Univ. Minn., 1921. Alpha Zeta; Gamma Alpha.

Schafer, Edwin George, prof. farm crops, Wash. State Coll. and agron., Exp. Sta., Pullman, Wash.

Asst. farm crops, Kans. State Agr. Coll., 1907-9; instr., 1910-3; present position, 1913-. *Auth.*: (with Call) A Laboratory Manual in Agriculture, 1912. —*b.* Jewell, Kans., Feb. 18, 1884; *s.* John C. and Mary L. (Klink) S.; reared on farm; *m.* Ella F. Miles, Aug. 16, 1912; *c.* Geo. Miles, Judith Evelyn, John Francis. B.S., Kans. State Agr. Coll., 1907; M.S., Univ. Ill., 1910. Alpha Zeta; Phi Kappa Phi.

Schafer, Raymond Walter, distr. ext. agt., Colo. Agr. Coll., Fort Collins, Colo.

Farm manag. dem., Kans. State Agr. Coll., 1916; co. agrl. agt., Washington, Kans., 1917-21; present position, 1921-. —*b.* Jewell, Kans., Jan. 3, 1891; *s.* John C. and Marie L. (Klink) S.; reared on farm; *m.* Ethel M. Boyce, Apr., 1917; *c.* Martha Jeanne. B.S., Kans. State Agr. Coll., 1914; M.S., Univ. Wis., 1917. Sigma Nu.

Schalk, Arthur Frederick, prof. vet. sci., N. D. Agr. Coll., Agricultural College, N. D.

Asst. prof. vet. sci., N. D. Agr. Coll., 1910-6; prof., 1916-, and dean sch. Vet. Med. and Surg., and vet. Exp. Sta. Dir. N. D. State Serum Inst.; bact. N. D. Live-Stock Sanitary Bd., 1918. —*b.* Hamilton, O., June 19, 1880; *s.* John Lawrence and Anna (Eichler) S.; reared on farm; *m.* Ethel Brown, Dec. 22, 1908; *c.* Arthur Frederick Jr. D.V.M., Ohio State Univ., 1908. Alpha Psi.

Schaub, Ira Obed, dir. agrl. ext., N. C. State College, Raleigh, N. C.

Asst. chem., Ill. Exp. Sta., 1903-5; asst. prof. soils, Ia. State Coll., 1905-9; in chg. boys and girls club work in N. C., 1909-13; agrst., Frisco R. R. lines, 1913-8; agrst. and field agt., States Relations Serv., U. S. Dept. Agr., 1918-24; present position, 1924-. *Auth.*: (with W. H. Stevenson) Soil Physics Laboratory Guide. —*b.* Stokes Co., N. C., Sept. 28, 1880; *s.* Wm. H. and Mary (Grabs) S.; reared on farm; *m.* Maud Kennedy, July 27, 1910; *c.* Maud Kennedy, I. O. Jr. B.S., N. C. State Coll., 1900; grad. student Johns Hopkins Univ., 3 yrs. Kappa Sigma; Alpha Zeta.

Schelling, Edward William, co. agrl. agt., Viroqua, Wis.

Co. club leader, Calumet Co., Wis., 1919. (Poultry, dairy cattle). —*b.* Racine, Wis., May 24, 1894; *s.* Erhardt P. and Amelia (Boushka) S.; reared on farm; *m.* Phoebe Gross, June 28, 1923; *c.* Patricia Jean. B.S., Univ. Wis., 1917. Alpha Gamma Rho; Alpha Zeta.

Scherer, Norman W., asst. prof. for., Ohio State Univ., Columbus, O.

Mem. editorial bd., Ohio Journal of Science; collaborator, Botanical Abstracts. —*b.* Sandusky, O., June 25, 1888; *s.* Jacob and Louisa (Siegrist) S.; reared in city; *m.* Hilda Gundlach, Sept. 2, 1915; *c.* Paul Norman, B.Sc., Univ. Mich., 1910; M.S.F., 1912; grad. student Univ. Calif., 1919-20. Alpha Pi Upsilon; Acacia.

Schermerhorn, Lyman Gibbs, asst. prof. veg. gard. and olericulturist Exp. Sta., Rutgers Univ., New Brunswick, N. J.

Instr. hort., Mont. State Coll., 1910-2; asst. prof., 1912-4; instr. veg. gard., Rutgers Coll., 1914-6; asst. prof., 1916-; olericulturist Exp. Sta., 1918-. —*b.* Malden, Mass., June 28, 1887; *s.* Jas. V. and Nellie G. (Brigham) S.; reared in city and on farm; *m.* Lillian E. Tolman, Aug. 4, 1910; *c.* Lyman G. Jr. B.S., Mass. Agr. Coll., 1910.

Schermerhorn, Richard Jr., lands. arch., 15 E. 40th St., New York, N. Y.

Fellow and pres. N. Y. chapter, Amer. Soc. Lands. Arch. Capt. engin. sect., Sanitary Corps, U. S. Army, 1917-9. —*b.* Brooklyn, N. Y., Oct. 17, 1877; *s.* Richard and Jane A. (Fiske) S.; reared in city. Educ. Brooklyn Poly. Inst., 1896; Rensselaer Poly. Inst., 1898. Chi Phi.

Schertz, Frank Milton, biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Served in res. div. for war gases, American Univ. —*b.* Stanford, Ill., Jan. 8, 1889; *s.* Joseph A. and Annie E. (Neff) S.; reared on farm; *m.* Hazel Cozier, June 15, 1916; *c.* Donald Cozier. B.S., Neb. Wesleyan, 1914; M.A., Northwestern Univ., 1915; Ph.D., Univ. Chicago, 1918. Sigma Xi; Phi Kappa Phi.

Scheyer, Elwin Herman, teach. voc. agr., high-sch., Aberdeen, Ida.

b. Aberdeen, Wash., Oct. 22, 1900; *s.* Herman A. and Rose E. (Isensee) S.; reared on farm and in town. B.S.A., Univ. Ida., 1924. Alpha Zeta.

Schmidt, Jacob Philip, co. agrl. agt., Tiffin, O.

Princ. high-sch., Bourneville, O., 1916-7; made complete rural church survey of Portsmouth Distr., summer 1917; distr. superv. rural schs., Ross Co., 1917-8; agrl. agt. Morrow Co., 1919-23; Seneca Co., 1923-. First pres. Assoc. O. High-Sch. Teach. Agr., 1917. 2d Lieut. Inf., U. S. Army, 1918. —*b.* Columbus, O., Feb. 17, 1893; *s.* Frederick and Elizabeth (Schmidt) S.; reared on farm; *m.* Lorene Zona Peshak, Nov. 26, 1918; *c.* Birdie Irene. B.S.A., Ohio State Univ., 1916.

Schmitz, Henry, prof. for. products, Univ. Ida., Moscow, Ida.

Instr. for., Univ. Ida., 1919-20; asst. prof., 1920-1; assoc. prof. for. products, 1921-4; prof., 1924-. Ensign, U. S. Naval Reserve, 1917-8. —*b.* Seattle, Wash., Mar. 25, 1892; *s.* Ferdinand and Emma (Althof) S.; reared in city; *m.* Melba Nelson, May 4, 1918; *c.* Henry Nelson, Mary Elizabeth. B.S. (For.), Univ. Wash., 1915; M.S., 1916; Ph.D., Washington Univ., 1919. Phi Gamma Delta.

Schmitz, Henry William, dir. voc. agr., high-sch., Manhattan, Kans.

Teach. Chase Co. Community High-Sch., 1922-4; Manhattan, 1924-. Served in U. S. Navy, World War. —*b.* Alma, Kans., May 31, 1897; *s.* Arthur and Mary (Maas) S.; reared on farm; *m.* Ruth Dorr, June 18, 1919; *c.* Robt. Edwin. B.S.A., Kans. State Agr. Coll., 1922. Alpha Zeta; Phi Delta Kappa.

Schnabel, Howard Irven, instr. agr., high-sch., Sebastopol, Calif.

b. Iona, Mo., July 15, 1888; *s.* Lewis J. and Ella (Rogers) S.; reared on farm; *m.* Irene Newcomb, Mar. 1918. B.S.A., Univ. Calif., 1916.

Schneck, Henry William, asst. prof. veg. gard., Cornell Univ., Ithaca, N. Y.

Instr. veg. gard., Cornell Univ., 1913-7; asst. prof., 1917-. (Veg. forcing). —*b.* Wis., June 18, 1889; *s.* Geo. W. and Frances (Kaul) S.; reared in town; *m.* Mae Clark, June 28, 1915; *c.* Eleanor Frances, Virginia Mae, Rodger Clark. B.S.A., Univ. Wis., 1913; M.S.A., Cornell Univ., 1914.

Schock, Oliver D., librarian Public Serv. Comn. of Pa., Harrisburg, Pa.

Asst. sec. and special agt., Pa. State Bd. Agr., 18 yrs.; chief clerk, Dept. Agr., 5 yrs.; deputy dairy and food comnr., 5 yrs. Asst. supt. Pa. Chestnut Tree Blight Comn., 3 yrs., Ex-pres. Pa. State Editorial Assoc. —*b.* Hamburg, Pa., Apr. 28, 1858; *s.* Nathan S. and Amelia K. (Nies) S.; reared on farm; *m.* Sarah R. Kepner, 1879; *c.* Harvey Earl, Bertha Estelle.

Schoene, William Jay, state ent. and ent. Exp. Sta., Va. Poly. Inst., Blacksburg, Va.

Asst. and assoc. ent., N. Y. Agr. Exp. Sta., Geneva, 1905-13; orchard insp., Ill., winter, 1905-6; state ent., Va., 1913-; acting dir. Exp. Sta., 1914-6. —*b.* Henderson, Ky., July 27, 1879; *s.* W. M. and Ellen (Jay) S.; reared in town; *m.* R. B. Yankey, June 3, 1907; *c.* Chas. Andrew, Sara, Mary Margaret. B.A., Univ. Ky., 1905; M.S., Univ. Chicago, 1910.

Schoenfeld, William Alfred, asst. chief Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. instr., Univ. Wis., 1912-4; adj. prof., Univ. Tex., 1915; asst. and acting dir. ext., Univ. Tenn., 1915-20; Mass. Inst. Tech., 1921. Mem. Wis. State Bd. Public Affairs, 1913-4; chm. Crop Reporting Bd., U. S. Dept. Agr. —*b.* Sept. 16, 1888; *s.* G. A. and Amalie (Mueller) S.; *m.* Mabel Pearl Wagner, July 25, 1913; *c.* Raymond, Benj. Franklin, Harold. B.S.A., Univ. Wis., 1914; M. Bus. Adminis., Harvard Grad. Sch. Business Administration, 1922. Alpha Zeta.

Schoonover, Warren Rippey, ext. specialist citriculture, Univ. Calif., Berkeley, Calif.

Asst. and instr. soil biol., Univ. Ill., 1913-20; present position, 1922-. 2d Lieut. Sanitary Corps, U. S. Army, World War. —*b.* Warsaw, Ind., Feb. 6, 1891; *s.* Wm. R. and Anna (Rippey) S.; reared in town and on ranch. B.S., Occidental Coll., 1912; M.S., Univ. Ill., 1916. Sigma Xi.

Schoppe, William Freeman, farmer, Auburn, Me.

Asst. poultry husb., R. I. Exp. Sta., 1907-8; poultryman, Mont. Exp. Sta., 1908-11; asst. prof. an. ind. in poultry, Univ. Me., 1911-3; prof. poultry husb., Mont. State Coll., 1913-23. Chm. State Bd. Poultry Husb. —*b.* N. H., 1883; *s.* H. S. and M. E. (Cushman) S.; reared on farm; *m.* M. D. Pilsbury, Aug. 4, 1910; *c.* Wm. F. Jr., Robt. Pilsbury, John Cushman. B.S., Univ. Me., 1907; M.S., 1913. Sigma Alpha Epsilon; Alpha Zeta; Phi Kappa Phi.

Schoth, Albert Joseph, crops specialist ext., Kans. State Agr. Coll., Manhattan, Kans.

Present position, 1921-. 2d Lieut. Inf., U. S. Army, World War. —*b.* Oregon City, Ore., Mar. 23, 1894; *s.* August and Nellie S.; reared on farm and in city. B.S., Ore. Agr. Coll., 1918. Sigma Alpha Epsilon.

Schowengerdt, Paul Franklin, ext. specialist in soils, Univ. Mo., Columbia, Mo.

Asst. soils, Univ. Mo., 1916-7; instr. an. husb., Colo. Agr. Coll., 1917-8; asst. emergency dem. agt., 1918-9; agrl. agt. Calloway Co., Mo., 1919-20; present position, 1920-. —*b.* Warrenton, Mo., Feb. 19, 1893; *s.* F. E. and Laura (Wightman) S.; reared in town; *m.* Mabel Brandt, Jan. 2, 1918. A.B., Cent. Wesleyan Coll., 1914; B.S.A., Univ. Mo., 1917. Acacia.

Schreiner, Oswald, sr. biochem. in chg. soil-fertility invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Res. fellow, Univ. Wis., 1895-7; instr. physical chem. and pharm. techn., 1897-1902; soil chem., U. S. Bur. Soils, 1903-6; present position, 1906-. Awarded Ebert prize for res. in organic chem., Amer. Pharm. Assoc., 1900; Longstreth medal, Franklin Inst., 1912. Traveled in Europe. —*b.* Nassau, Germany, May 29, 1875 (naturalized 1903); *s.* Louis and Susanne (Volkert) S.; reared in town; *m.* Frances Rector, Oct. 11, 1902; *c.* Louis Rector, Oswald Jr. B.S., Johns Hopkins Univ. and Univ. Wis., 1897; M.S., 1899; Ph.D., Univ. Wis., 1902. Phi Beta Kappa; Phi Delta Chi.

Schroeder, Henry Edward, co. agrl. agt., Spencer, Ia.

Farm manag., 1921-4; co. agt., 1923-. —*b.* Oct. 20, 1898; *s.* Henry E. and Minnie (Koster) S.; reared in country and city; *m.* Jeannette Schleiter, Aug. 19, 1923. B.S., Ia. State Coll., 1922. Alpha Gamma Rho; Alpha Zeta; Phi Kappa Phi.

Schulte, John Ignace, sci. administrative asst., Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Ia. State Coll., 1895-7; asst. ed. field crops, Experiment Station Record and sci. asst., U. S. Dept. Agr., 1897-. Mem. Intern. Jury, Paris Expos., 1900; Chevalier du Merite Agricole. Farmer, Va., 1906-20. (Agron.). —*b.* New Vienna, Ia., Oct. 11, 1869; *s.* Herman F. and Caroline (Waldmann) S.; reared on farm; *m.* Mary Frances Colbath; *c.* Mary Carolyn. B.Agr., Ia. State Coll., 1895.

Schultz, Earle Kidwell, dir. voc. agr., Livingston Acad., Livingston, Tenn.

Princ. Union Sem., 1911-4; princ. high-sch., Cleveland, Tenn., 1915-6; superv. high-sch. agr., Shelby Co., 1918-20; educ. dir., U. S. Veteran Bur., 1920-3; present position, 1923-. Served in World War, 1918. (Hort.). —*b.* Rutledge, Tenn., June 4, 1892; *s.* Geo. W. and Esther E. (Kidwell) S.; reared on farm; *m.* Grace M. Eastland, Oct. 19, 1923. B.S.A., Univ. Tenn., 1918.

Schulze, August Frederick, prof. hort. and supt. grounds, Riggs Sch., Lakeville, Conn.

Instr. bot., Conn. Agr. Coll., 1913-5; agt. dehydration foods, and invest. of the toxicity of mucors, U. S. Bur. Chem., 1915-8; field asst. genetics, Sta. for Expl. Evolution, 1918; present position, 1918-. —*b.* Woodbury, N. J., Apr. 4, 1886; *s.* August C. F. W. and Elizabeth (Jordan) S.; reared in city and on farm. B.S., Conn. Agr. Coll., 1913.

Schumaker, Doris, asst. prof. home econ. ext., Cornell Univ., Ithaca, N. Y.

Instr. home econ., Wash. State Coll., 1915-8; formerly home dem. agt., Watertown, N. Y., (Clothing). —*b.* Palouse, Wash., Mar. 22, 1891; *d.* John C. and Carrie (Pangborn) S.; reared in village. B.S., Wash. State Coll., 1915. Pi Beta Phi; Omicron Nu; Phi Kappa Phi.

Schuster, Carl Ephraim, assoc. prof. hort., Ore. Agr. Coll., Corvallis, Ore.

With U. S. Dept. Agr., 15 mos. Served as 2d Lieut. Inf., U. S. Army, 16 mos. —*b.* O., July 15, 1889; *s.* C. T. and Flora (Parker) S.; reared in country. B.S., Ore. Agr. Coll., 1914; M.S., 1916. Alpha Zeta.

Schuster, George Lee, prof. agron., Univ. Del., Newark, Del.

Instr. agron., W. Va. Univ., 1919-20; present position, 1920-. —*b.* Middletown, Ind., May 25, 1891; *s.* Adam and Sarah (Johnson) S.; reared on farm; *m.* Mary B. Adams, June 2, 1917; *c.* Mary Lee, Wm. Adams. B.S.A., Ohio State Univ., 1916; M.S., 1918. Phi Kappa Phi.

Schuttler, Vera Busiek, farmer, The Oaks, Farmington, Mo.

Teach. Latin, Belleville High-Sch., 1910; Carleton Coll., Farmington, 1913-4; teach. French and agr., Farmington High-Sch., 1915-6; dairy farmer, 1914-. Vice-pres. Amer. Country Life Assoc.; mem. exec. com., St. Francois Co. Farm Bur.; mem. speakers bur., Amer. Farm Bur. Fed.; in chg. work for rural women, Rep. Nat. campaign, 1924. —*b.* Belleville, Ill., Nov. 24, 1882; *d.* Geo. H. and Margareth Busiek; reared in town; *m.* Chas. Schuttler, 1904. A.B., Cent. Wesleyan Coll., 1902; A.M., Boston Univ., 1912.

Schutz, Harry Herman, agrl. statistician, U. S. Bur. Agrl. Econ., Houston, Tex.

Instr., N. Mex. A. & M. Coll., 1909-10; prof., 1911; field agt., U. S. Bur. Crop Estimates, Oklahoma City, Okla., 1919-22. —*b.* El Paso, Tex., Mar. 10, 1882; *s.* S. C. and Frieda (Heiman) S.; reared in city; *m.* Marian Elizabeth Campbell, Nov. 6, 1912; *c.* John Logan. B.S., N. Mex. A. & M. Coll., 1905; B.S.A., Cornell Univ., 1907. Alpha Zeta.

Schuyler, Roy, agrl. rep., Paris, Ont.

b. Rockford, Ont., Oct. 18, 1883; *s.* Isaac Wesley and Sarah Anne (Irvine) S.; reared on farm; *m.* Cora Amelia Howard, June 12, 1913; *c.* Harold Irvine, Howard Lindsay, Doris Lorene. B.S.A., Ont. Agr. Coll., 1912.

Schwab, John William, assoc. ext. prof. an. husb., Purdue Univ., LaFayette, Ind.

Farmer, 1903-9; asst. an. husb. ext., Purdue Univ., 1913-7; assoc. prof., 1917-. —*b.* near Peru, Ill., July 4, 1878; *s.* Geo. and Emma (Sellmyer) S.; reared on farm; *m.* Rachel Hunsley, Oct. 7, 1907; *c.* Elsie, Earl, Edna. B.S., Ia. State Coll., 1913. Alpha Zeta.

Schwartz, Benjamin, parasitologist, Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Instr. biol., Univ. Ark., 1913-5; zool., Bur. An. Ind., 1915-20; prof. parasitology, Univ. Philippines, 1921-3; present position, 1923-. Sec. Helmintholological Soc. of Washington, 1924-; mem. Wash. Acad. Sci. Co-ed. Philippine Journal of Science, 1922-3; ed. sect. on parasitology and trop. medicine, Abstracts of Bacteriology. —*b.* Austria, Nov. 25, 1889 (naturalized 1912); *s.* Osias and Bessie (Fahrer) S.; reared in city; *m.* Rose Kurzrock, 1914. A.B., Coll. of City of N. Y., 1911; A.M., Columbia Univ., 1913; Ph.D., Geo. Washington Univ., 1920.

Schwartz, Lewis Herbert, assoc. prof. poultry husb., and asst. Exp. Sta., Purdue Univ., LaFayette, Ind.

Instr. poultry, Univ. Wis., 1911-2; in chg. poultry work, Milwaukee Co. Sch. Agr., 1912-4. —*b.* Albany, N. Y., Oct. 8, 1887; *s.* Lewis Herbert and Martha (Potkora) S.; reared in city; *m.* Martha Gregory Hildebrand, Aug. 20, 1914; *c.* Martha Jane, Beverly, Elizabeth. B.S.A., Cornell Univ., 1911. Theta Chi.

Schweiger, Frank, co. agrl. agt., Corning, Ia.

2d Lieut. Inf., World War. —*b.* Soudan, Minn., Feb. 23, 1895; *s.* John and Mary S.; reared on farm and in town; *m.* Margaret Mattox, Jan. 10, 1919; *c.* Mary Margaret, Helen Virginia, Frances Louise. B.S., Ia. State Coll. Sigma Pi.

Scoates, Daniels, prof. and head dept. agrl. engin., Tex. A. & M. Coll., College Station, Tex.

Asst. agrl. engin., Mont. State Coll., 1910; prof. agrl. engin., Miss. A. & M. Coll. to 1919. *Auth.*: Farm Machinery Laboratory Manual, 1913; Agricultural Surveying Laboratory Manual, 1913; Farm Motor Laboratory Manual, 1918; Concrete Construction Laboratory Manual, 1918. (Farm bldgs.). —*b.* Crown

Point, Ind., Jan. 27, 1882; *s.* Wm. Richard and Emily Townsend (Coffin) S.; reared in city and on farm; *m.* Mary Eleanor Lamb, Nov. 1910; *c.* Wm. Daniels, Mary Eleanor, Alice Emily. B.S.A., Ia. State Coll., 1910; A.E., 1915.

Scofield, Carl Schurz, in chg. western irrig. agr., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Ed., Journal Washington Acad. Sci., 1912-4. Traveled in Europe, Algeria, Haiti. (Agron.). —*b.* Bloomington, Minn., Feb. 5, 1875; *s.* J. D. and Caroline Samantha (Damon) S.; reared on farm; *m.* Emma Scott, Sept. 8, 1903; *c.* Francis, John, Marcia. B.S.A., Univ. Minn., 1900.

Sconce, Harvey James, farmer, Sidell, Ill.

First pres. Ill. Agrl. Assoc.; mem. exec. com., Amer. Farm Bur. Fed.; vice-pres. Wheat Council of U. S.; mem. Intern. and U. S. Chamber of Commerce; dir. Armour & Co.; manag. dir. Sutter Basin Co. Delegate Intern. Inst. Agr., Rome, Italy, 1920; inspected devastated area of France for U. S. Dept. Agr. Chm. Ill. Agrl. War Bd.; co. food administrator. *Auth.:* Romance of Everifarm, 1922; To Market, 1925. (Seed corn production). —*b.* Indianola, Ill., Mar. 7, 1875; *s.* Jas. S. and Emma (Sodowsky) S.; reared on farm; *m.* Eva Fisher, June 2, 1897; *c.* Frances, Louise, Jas. S. B.S., Univ. Ill., 1898. Kappa Sigma; Alpha Gamma Rho.

Scott, Charles Anderson, nurseryman, Manhattan, Kans.

For. expert and superv., U. S. For. Serv., 1901-8; prof. for., Ia. State Coll., 1908-10; state for. and prof. for., Kans. State Agr. Coll., 1910-7. —*b.* Westmoreland, Kans., Jan. 30, 1875; *s.* Adam and Elizabeth (Anderson) S.; reared on farm; *m.* Perley B. Jewett, Jan. 30, 1907; *c.* Sybella Adelaide, Sarah Elizabeth, Hazle Marie. B.S.A., Kans. State Agr. Coll., 1901; grad. student Yale For. Sch. Alpha Zeta.

Scott, Clifton, co. agrl. agt., Rockwell City, Ia.

Supt. schs., Auburn, Ia., 1913-4; instr. agr., high-sch., Paris, Ill., 1915-7; Mason City, Ia., 1917-8; present position, 1918-. —*b.* Gowrie, Ia., Aug. 19, 1886; *s.* Taylor and Mary (Bass) S.; reared on farm; *m.* Edith Gurney, June 29, 1918. B.S., Cornell Coll., 1913; B.S.A., Ia. State Coll., 1915. Gamma Sigma Delta.

Scott, Enos Pearl, co. agrl. agt., Eutaw, Ala.

Farmer, 1917-20; assoc. ed. Southern Dairyman, 1921. 1st Lieut. U. S. Army, 1917-9. —*b.* Kokomo, Ind., Mar. 30, 1893; *s.* Albert M. and Flora May (Carmin) S.; reared on farm; *m.* Bessie F. Hobson, June 7, 1919; *c.* Ned Hobson, Betty Rose. B.S.A., Purdue Univ., 1916.

Scott, George Randolph, co. agrl. agt., Cannelton, Ind.

With Motor Transport Corps, U. S. Army, World War. (An. husb.). —*b.* Shelby Co., Ind., July 24, 1898; *s.* Morgan and Mae (Randolph) S.; reared on farm; *m.* Cora Mae Drake, Nov. 26, 1919; *c.* Mary Ione. B.S.A., Purdue Univ., 1919. Sigma Nu.

Scott, John Marcus, vice-dir. and an. industrialist, Fla. Exp. Sta., Gainesville, Fla.

Asst. an. husb., N. Mex. A. & M. Coll., 1903-6; present position, 1907-. —*b.* Westmoreland, Kans., Nov. 1, 1877; *s.* Adam and Elizabeth (Anderson) S.; reared on farm; *m.* Mary L. O'Daniel, June 28, 1905; *c.* John M. Jr. B.S., Kans. State Agr. Coll., 1903.

Scott, John W., prof. econ. and dean Sch. of Commerce, Okla. A. & M. Coll., Stillwater, Okla.

Asst. prof., Tex. A. & M. Coll., 1917-20; Univ. Ark., 1920-1; assoc. prof., Mich. Agr. Coll., 1921-2; lect., Univ. Chicago, 1923-4; present position, 1924-. (Labor). —*b.* Cunningham, Kans., June 5, 1891; *s.* Henry Andrew and Mary (Webb) S.; reared on farm; *m.* Lucile Davidson, Apr. 1917; *c.* Eleanor Lucile, John Winfield. A.B., Fairmount Coll., 1914; M.A., Univ. Tex., 1915; grad. student Univ. Chicago, 2 yrs. Pi Kappa Delta; Alpha Kappa Psi.

Scott, Kenneth Duke, co. agrl. agt., Norwich, N. Y.

Fruit-grower and florist, England, 12 yrs.; asst. hort. adv., Warwickshire, England, 1 yr.; manag. Leggett Estate, Stone Ridge, N. Y., 3 yrs.; manag. Darlington Farms, Mahwah, N. J., 1 yr.; manag. Portner Estate, Manassas, Va., 1 yr.; asst. Cattaraugus Co. Farm Bur., 2 yrs.; manag. Warren Co. Farm Bur., 5 yrs. *Ed.,* Speed Demon, 3 yrs. —*b.* Anerley, London, England, Mar. 4, 1883 (naturalized 1923); *s.* Thos. S. and Louisa (Duke) S.; reared in city and country; *m.* Alice Henderson, Nov. 1908; *c.* Francis Bernard, Kenneth Duke, Jas. Keith, Joyce Louise, Claude Henderson, Alice Mary Sarah, Allen Jas. Student University Coll., Reading, England; Oxford City Tech. Sch.; Co. Sch. Hort., Chelmsford, England.

Scott, Leo Blynn, pom. in chg. nursery stock invests., U. S. Dept. Agr., Shafter, Calif.

Sci. asst., U. S. Dept. Agr., 1911-4; asst. pom., 1914-7; pom. 1917-20; general manag. Nurserymens Bud Selection Assoc. of Calif., 1920-1; present position, 1921-. —*b.* Hersey, Mich., Sept. 20, 1888; *s.* Blynn Edgar and Libya Jeanette (Baker) S.; reared in town and on farm; *m.* Harriett Esther Baxter, Sept. 11, 1912; *c.* Sarah, Blynn Edgar, Janet. B.S., Mich. Agr. Coll., 1911.

Scott, Rhea Clarke, prof. institutional econ., Univ. Ga., Athens, Ga.

Teach. Normal Sch., Harrisonburg, Va., 7 yrs.; Peabody Coll., 3 yrs.; ext. work, Va., La., Ark., 4 yrs.; manag. Bellevue Farms Lunch Room, Washington, D. C., 2 yrs.; present position, 1922-. *Auth.:* Home Labor-Saving Devices, 1917. —*b.* Petersburg, Va.; *d.* Geo. W. and Elvira (Cuthbert) S.; reared in city. B.S., Geo. Peabody Coll., 1918. Tri-Sigma (nat. pres., 8 yrs.).

Scott, Verner Ephraim, state leader in dairy ext. and prof. dairying, Univ. Nev., Reno, Nev.

Instr. an. husb., Dunn Co. Sch. Agr., Menomonie, Wis., 1911-2; asst. an. husb., Univ. Nev., 1912-3; chg. an. husb., 1913-4; state leader dairying, 1914-. —*b.* Chilton, Wis., May 2, 1878; *s.* Henry K. and Mary C. (Ware) S.; reared on farm; *m.* Ethel Robinson, Aug. 17, 1903; *c.* Lionel R., Lawrence E. B.S.A., Univ. Wis., 1911.

Scott, William Moore, div. manag., Amer. Fruit Growers Inc., Sanford, Fla.

State ent. of Ga., 1898-1903; path., U. S. Dept. Agr., 1903-11; res. hort., General Chem. Co., 1911-6; specialist in standardization of grades for fruits and vegetables, Bur. Markets, U. S. Dept. Agr., 1916-9; present position, 1919-. Fruit-grower, Hancock, Md. *Assoc. ed.,* Phytopathology, 3 yrs. —*b.* Sugar Grove, Va., May 30, 1873; *s.* Levi M. and Amanda A. (Edmondson) S.; reared on farm; *m.* Mary Florence Roop, Mar., 1900. B.S., Va. Poly. Inst., 1896; M.S., 1898.

Scovill, Hiram Thompson, certified public accountant, prof. accounting, Univ. Ill., Urbana, Ill.

In chg. accounting instr., Univ. Ill., 1913-. Pres. Amer. Assoc. Univ. Instrs. in Accounting. *Auth.:* Farm Accounting, 1918; Elements of Accounting, 1919. —*b.* near Leaf River, Ill., Feb. 22, 1885; *s.* Wm. P. and Josephine (Thompson) S.; reared on farm and in village; *m.* Edith Eliza Stewart, Aug. 31, 1912; *c.* Wm. Stewart, Mary Josephine, Janet Ruth. A.B., Univ. Ill., 1908. Phi Beta Kappa; Beta Gamma Sigma.

Scoville, Gad Parker, prof. farm manag., Cornell Univ., Ithaca, N. Y.

Teach. high-schs., Fresno, Calif., 1910-2; farm bur. manag., Chemung Co., N. Y., 1912-4; present position, 1914-. —*b.* Varysburg, N. Y., May 5, 1885; *s.* John Wesley and Lizzie (Watson) S.; reared on farm; *m.* Hazel Perine, June 25, 1913; *c.* Elizabeth, Theresa, Parker. B.S., Cornell Univ., 1910; M.A., Harvard Univ., 1924.

Scoville, Hector Humphrey, lawyer and fruit-grower, San Juan, Porto Rico.

Teach. public schs., Ky., 6 yrs. Mem. Bd. Comnrs. of Porto Rico, 5 yrs.; mem. Bd. Trustees, Univ. Porto Rico, 1912-; mem. Porto Rico Tariff Comn., 1913; mem. Porto Rico Bd. Equaliza-

tion and Review, 1923-. Pres. Porto Rico Fruit Exchange, 1910-20. (Sugar-cane, canner grapefruit and pineapples). — *b.* Laurel Co., Ky., Dec. 16, 1876; *s.* Sheldon and Pauline (Pigg) S.; reared on farm; *m.* Frances McIntyre, Sept. 5, 1904; 2d, Lillian Pike, Sept. 28, 1909; *c.* Francis.

Scruton, Hereward Leigh, dir. agr., Hector Assoc. Schs., Hector, Minn.

Served in U. S. Navy, 1917-9. —*b.* Albany, N. Y., Feb. 4, 1888; *s.* Geo. R. and Anna (Timmons) S.; reared in town; *m.* Marguerite Hunt, 1920; *c.* Hector Rossiter. B.S., Univ. Minn.

Scudder, Henry Desborough, prof. and chief farm manag., Ore. Agr. Coll. and Exp. Sta., Corvallis, Ore.

Sci. asst., U. S. Dept. Agr., 1902-4; instr. sci., high-sch., Cloquet, Minn., 1904-5; instr. agron. and asst. agron., Kans. State Agr. Coll. and Exp. Sta., 1906-7; prof. and chief agron., Ore. Agr. Coll. and Exp. Sta., 1907-16; prof. and chief soils and farm manag., 1916-8; prof. and chief farm manag., 1918-. Chm. State Pure Seed Bd.; gen. supt. Ore. Land Settlement Comn. —*b.* Moberly, Mo., Dec. 17, 1881; *s.* Clarence O. and Amelia C. (Beyer) S.; reared on farm; *m.* Leila K. McCotter, Aug. 26, 1907; *c.* Donald M., Robt. D., Katherine M. B.S.A., Univ. Ill., 1902. Alpha Zeta.

Scudder, Nathaniel Edward, co. agrl. agt., Uvalde, Tex.

Teach. rural schs., Tex., 1905-12; high-sch., New Braunfels, 1912-8. — *b.* Dallas, Tex., Apr. 27, 1885; *s.* Nathaniel and Susan (Webster) S.; reared on farm; *m.* Annie Catherine Witt, Sept. 20, 1911.

Scullen, Herman Austin, asst. prof. ent. and specialist in bee culture, Ore. Agr. Coll., Corvallis, Ore.

Princ. high-sch., Junction City, Ore., 1910-2; instr. zool., Ia. State Coll., 1912-4; asst. prof., 1914-8; field agt. in bee culture, Bur. Ent., U. S. Dept. Agr. and Wash. State Coll., 1918-20; present position, 1920-. —*b.* Pierce Co., Wis., Nov. 27, 1887; *s.* Willard Jay and Elizabeth (Glendenning) S.; reared on farm; *m.* Johanna Marie Frederickson, Aug. 23, 1911; *c.* Ruby Mae. A.B., Univ. Ore., 1910.

Scully, Charles B., farmer, real estate and insurance, Almont, Mich.

Mem. Mich. Senate, 1917-8, 1919-20, pres. pro-tem, 1919-20; mem. exec. com., State War Preparedness Bd.; mem. State Reconstruction Com. by appointment of Governor; ex-pres. State Assoc. Farmers Clubs; farmers inst. lect., 6 yrs.; ex-vice-pres. Amer. Leicester Sheep Breeders Assoc.; ex-sec. Mich. Berkshire Assoc.; pres. State Mutual Hail Insurance Co.; vice-pres. Mich. Surety Co.; sec.-treas., Lapeer Farmers Mutual Fire Insurance Assoc.; ex-vice-pres. Mich., Fed. of Insurance. —*b.* Almont, Mich., June 17, 1878; *s.* John B. and Charity A. (Bristol) S.; reared on farm; *m.* Mabel M. Hallock, Mar. 1, 1900; *c.* Leona V., Clinton W., Merwin H., Chas. E.

Seabrook, Charles Frank, truck farmer, Bridgeton, N. J.

Pres. and general manag., Seabrook Farm Co. —*b.* Bridgeton, N. J., May 28, 1881; *s.* Arthur P. and Elizabeth (Riley) S.; reared on farm; *m.* Norma D. Ivans; *c.* Belford, Courtney, Thelma, John.

Seal, Harvey D., instr. voc. agr., Floris Voc. High-Sch., Herndon, Va.

b. Sparta, Va., Aug. 18, 1900; *s.* Fillmore M. and Sallie B. (Loving) S.; reared on farm. B.S., Va. Poly. Inst., 1923.

Searles, Harold Robert, dairy ext. specialist, Univ. Minn., University Farm, St. Paul, Minn.

Instr. dairy husb., Univ. Minn., 1917-8; farmer and dairy husbandman, manag. Grahanholm Farms, Rochester, Minn., 1919-21. Sec.-treas. Minn. Holstein-Friesian Assoc., 1918; pres. Olmsted Co. Farm Bur. Assoc., 1920. Served as private, U. S. Marine Corps, 1918-9. —*b.* Olmsted Co., Minn., Aug. 2, 1891; *s.* Arthur and Mary (Roberts) S.; reared on farm. B.S., Univ. Minn., 1917. Acacia.

Sears, Fred C., prof. pom., Mass. Agr. Coll., Amherst, Mass.

Asst. hort., Kans. Exp. Sta., 1893-7; prof. hort., Utah Agr. Coll., 1897; dir. Nova Scotia Sch. Hort., 1897-1904; prof. hort., Nova Scotia Agr. Coll., 1904-7; present position, 1907-. Vice-pres. for Mass., New England Fruit Show, 1909-24. Manager fruit-farm, 1908-. *Auth.*: Productive Orcharding, 1914; Productive Small Fruit Culture, 1920. —*b.* Lexington, Mass., May 11, 1866; *s.* Thos. B. and Mary (Wellington) S.; reared on farm; *m.* Ruth T. Stokes, Oct. 19, 1897; *c.* Florence Hart, Elizabeth Kent. B.S., Kans. State Agr. Coll., 1892; M.S., 1896.

Sears, Ogle Hesse, asst. prof. soil biol., Univ. Ill., Urbana, Ill.

From asst. chem. to asst. prof. agrl. chem., Purdue Univ., 1914-20; assoc. soil fert., Univ Ill., 1920-2; asst. prof. and asst. chief in soil biol., 1922-. —*b.* Oblong, Ill., May 24, 1892; *s.* Jacob and Maria C. (Hess) S.; reared on farm; *m.* Helen L. Troop, June 1915; *c.* Jas. Gordon, Marjorie Louise. B.S., Univ. Ill., 1914; M.S., Purdue Univ., 1917.

Sears, William Richard, prof. lands. arch., Ohio State Univ., Columbus, O.

Instr. lands. arch., Ia. State Coll., 1920-1; designer for Olmsted Bros. on Palos Verder Project, Calif., 1922-3; present position, 1923-. 2d Lieut. Inf., 1918-9. Mem. Amer. Soc. Lands. Arch. —*b.* Arlington, Mass., June 30, 1893; *s.* Geo. Washington Warren and Margaret Lord (Fowle) S.; reared in town. B.S., Mass. Agr. Coll., 1915; M.L.A., Harvard Univ., 1920; Chas. Eliot traveling fellow in lands. arch., 1921-2; visiting student Amer. Acad., Rome, 1922.

Sechrist, Edward Lloyd, assoc. apiculturist, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Instr. agr. and mech., Ind. Sch., Umtali, Rhodesia, S. Africa, 4 yrs.; commercial beekeeper, Calif., 7 yrs.; apiculturist, W. Indies, 2 yrs.; traveled in S. Pacific Isls. —*b.* W. Salem, O., Aug. 15, 1873; *s.* Henry and Julia A. (Shoemaker) S.; reared on farm; *m.* Ada B. Himmelright, 1901; *c.* Hazel, Paul, Alice. Ohio Northern Univ., 2 yrs.; A.B., Research Univ.

Secor, Alson, ed. Successful Farming, Des Moines, Ia.

Dairy farmer, 6 yrs.; ed. Kimballs Dairy Farmer, 1 yr.; present position, 1906-. Mem. Amer. mission to England and France, 1918. (Rural econ.). —*b.* Forest City, Ia., Nov. 5, 1871; *s.* Eugene and Milly M. (Spencer) S.; reared on farm; *m.* Adella Schader, June 24, 1897; *c.* Helen, Marvel, Vida, Ralph, Candace. D.D.S., Ia. State Univ.

Secor, Arthur James, co. agrl. agt., Keosauqua, Ia.

Farmer and stockman, 1905-12; teach. high-sch., Pipestone, Minn., 1912-8; present position, 1918-. —*b.* Marshall Co., Ia., June 25, 1886; *s.* Wm. S. and Anna (Hansen) S.; reared on farm; *m.* Julia Warden, June 1917. B.S.A., Ia. State Coll., 1905.

Secrest, Edmund, state for., chief dept. for. and assoc. dir., Ohio Agr. Exp. Sta., Wooster, O.

Sci. asst., U. S. For. Serv., 1902-5. Dir. wood fuel div., U. S. Fuel Adminis. for O., 1918-9; sec. O. For. Assoc.; mem. bd., O. Fish and Game Dept. Fellow O. Acad. Sci., vice-pres., 1924. Studied for. conditions in Europe. —*b.* Randolph, Kans., Aug. 24, 1882; *s.* Edward and Sophia (Axelton) S.; reared on farm; *m.* Helen Hoover, Oct. 16, 1912; *c.* Mary Hoover, Edith Sophia. B.S., Kans. State Agr. Coll., 1902.

Seeds, K. Beaver, marketing specialist (hay inspection), Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

In commercial grain, hay and milling business, 1898-1915; asst. in grain marketing, Bur. Markets, 1915-6; specialist, 1916-8; grain superv., Bur. Markets, Atlanta, Ga., 1918-22; present position, 1922-. Chm. Bd. Dir., O. Grain Dealers Assoc., 1914-5. —*b.* Liberty, Ind., Oct. 18, 1879; *s.* E. W. and Frances C. (Beaver) S.; reared in city; *m.* Susan Hazel Milar, Nov. 4, 1908; *c.* Elizabeth Milar, Elmore Willard. Student Ohio State Univ. Acacia.

Seeds, Morrell, teach. voc. agr., high-sch., Strawberry Point, Ia.

Instr. voc. agr., high-sch., Castana, Ia., 1922; Cloud Chief, Okla., 1923-4; Strawberry Point, 1924-. —*b.* Mediapolis, Ia., Jan. 23, 1900; *s.* Mark J. and Mable (Conkling) S.; reared on farm; *m.* Velma Ann Hargens, June 8, 1923. B.S., Ia. State Coll., 1921.

Seeley, Dewey Alsdorf, meteorologist and instr. meteorology, Mich. State Coll., E. Lansing, Mich.

With U. S. Weather Bur., 1898-; instr. meteorology, Bradley Poly. Inst., Peoria, Ill., 1905-9; present position, 1910-. —*b.* Pontiac, Mich., Aug. 4, 1875; *s.* Chas. L. and Stella J. (Alsdorf) S.; reared on farm; *m.* Edith L. Sellers, Nov. 10, 1898; *c.* Marian E., Stuart W., Dewey Maxwell. B.S., Mich. Agr. Coll., 1898; M.S., 1917.

Seely, John H., farmer and stockman, Mt. Pleasant, Utah.

Pioneer breeder pure-bred Rambouillet sheep and Shorthorn cattle. Dir. and superv. cattle dept., Utah State Fair; dir., vice-pres., pres. Amer. Rambouillet Sheep Breeders Assoc.; vice-pres. Utah Wool Growers Assoc. Former state senator. Utah Legislature; former mayor Mt. Pleasant. —*b.* San Bernardino, Calif., Apr. 29, 1855; *s.* Justus Wellington and Clarina Jane (Wilson) S.; reared on farm; *m.* Margaret Peel, Jan. 15, 1880; *c.* Ethel A., Zella G., Earl H., J. Leo, Leonard J., Arbrelia C., L. Vern, Chesley P., Oliver D.

Segsworth, Robert, minister, Cheltenham, Ont.

Del. to Canadian Council of Agr. (Rural educ.). —*b.* Manck, Ont., June 26, 1873; *s.* Wm. and Phyllis (Nunn) S.; reared on farm; *m.* Ola B. Green, July 7, 1908; *c.* R. Sidney, Ola Jean, Phyllis Gwendelene, Vernon Keith. B.D., McMaster Univ., 1909.

Seitz, Charles E., prof. and head dept. agrl. engin., Va. Poly. Inst., Blacksburg, Va.

Specialist in land drainage, ext. div., Va. Poly. Inst., 1914-6; agrl. engin., 1917-20; assoc. prof., 1920-2; prof., 1922-. Served in 1st. Va. Cavalry on Mexican border, 1916-7; Air Serv., U. S. Army, World War. —*b.* Reno, Nev., Nov. 6, 1891; *s.* Edward L. and Frances H. (Leonard) S.; reared in town; *m.* Nancy D. Hughes, Jan. 23, 1918. Student Univ. Nev., Ont. Agr. Coll., Ia. State Coll. Sigma Alpha Epsilon.

Selby, Augustine Dawson, bot., Ohio Agr. Exp. Sta., Wooster, O.; Sept. 2, 1859-May 7, 1924. See Rus 1920.

Selby, Halbert E., asst. prof. farm manag., Mont. State Coll., Bozeman, Mont.

Foreman and cost accountant, River Banks Farms, Grants Pass, Ore., 1916-9; instr. farm manag., Ore. Agr. Coll., 1919-20; present position, 1920-. In Air Serv., U. S. Army, 1918. —*b.* Milwaukee, Wis., Sept. 24, 1896; *s.* Horatio G. and Martha (Edgerton) S.; reared in town; *m.* Wilma G. Donnell, 1919; *c.* Halbert Donnell, Virginia Grace. B.S., Ore. Agr. Coll., 1916. Sigma Alpha Epsilon; Alpha Zeta.

Sell, Gustav Adolph, co. agrl. agt., Oshkosh, Wis.

Instr. agr., high-sch., Omro, Wis., 1916-7; present position, 1917-. —*b.* New Ulm, Minn., Aug. 28, 1891; *s.* Herman and Louise (Clobes) S.; reared on farm and in town; *m.* Bessie A. Piper, Aug. 23, 1917; *c.* Thos. Gustav, Genevieve Louise, John Howland. B.S.A., Univ. Wis. Acacia; Alpha Zeta.

Sellards, Henry Grady, field agt. in an. husb., Ky. Agr. Exp. Sta., Lexington, Ky.

Present position, 1921-. Sec. Ky. Swine Breeders Assoc., 1922-. (Swine husb.). —*b.* Wonder, Ky., Feb. 20, 1897; *s.* J. H. and Margaret (Clark) S.; reared on farm. B.S.A., Univ. Ky., 1921. Alpha Zeta.

Selvig, Conrad George, supt. Northwest Sch. Agr. and Exp. Sta. of Univ. Minn., Crookston, Minn.

Supt. schs., Glenco, Minn., 1907-10; present position, 1910-. Served as volunteer, Spanish-Amer. War, 1898. Pres. Red River Valley Winter Agrl. Shows; pres. Red River Valley Live-Stock

Assoc.; mem. Minn. State Com. Food Conservation; dir. N. W. Minn. Distr., United War Work; mem. Minn. Land Colonization Comn. —*b.* Rushford, Minn., Oct. 11, 1877; *s.* Gunder C. and Marie (Hognestad) S.; reared on farm and in town; *m.* Marion E. Wilcox, June 17, 1903; *c.* Helen Marion, Margaret Elizabeth, Conrad Geo. A.B., Univ. Minn., 1907; M.A., 1908. Theta Chi; Acacia.

Semple, Arthur T., assoc. an. husb. in beef cattle invest., U. S. Dept. Agr., Washington, D. C.

Farmer, Columbiana Ranch, Green Co., Ill., 1 yr. Traveled in Europe. —*b.* Dawson, Ill., Mar. 28, 1895; *s.* Jas. A. and Hannah (Jackson) S.; reared on farm. B.S., Univ. Ill., 1916. Alpha Zeta; Farm House; Alpha Gamma Rho.

Sessions, Stuart Nathaniel, teach. agr., high-sch., Fennville, Mich.

b. Benson Co., N. D., Apr. 22, 1901; *s.* E. Porter and Edna (Stewart) S.; reared on farm and in town; *m.* Ruth E. Douglas, Aug. 20, 1924. B.S., Mich. State Coll., 1924.

Seulke, Karl John, pres. and general manag., Jefferson Farms, Inc., Jefferson, Me.

Instr., Ind. Univ., summer 1913; teach. fellow, Penn. State Coll., 1913-4; instr. an. husb., Cornell Univ., 1914-6; asst. prof., 1916-9; prof., 1919-20; eastern rep. Amer. Aberdeen-Angus Breeders Assoc. 1920-2; present position, 1922-. —*b.* Seymour, Ind., Feb. 15, 1890; *s.* August H. and Marie (Heins) S.; reared on farm; *m.* Mayme Dee Kahle, Aug. 24, 1913; *c.* Donald Karl, Randall Louis. B.S.A., Purdue Univ., 1913; M.S.A., Penn. State Coll., 1914; Ph.D., Cornell Univ., 1916. Alpha Gamma Rho; Theta Alpha.

Severance, George, vice-dean Coll. Agr. and head dept. farm manag., Wash. State Coll., Pullman, Wash.

Instr. agr., Mich. Agr. Coll., 1901-2; instr. agr., Wash. State Coll., 1902-4; asst. prof., 1904-5; prof. agron., 1905-8; acting head dept. agr., 1908-9; supt. farms for A. C. Bohrnstedt Co., Lethbridge, Alta., 1910-1; supt. W. Wash. Exp. Sta., 1911-3; head dept. agr., Wash. State Coll., 1913-7; vice-dean Coll. Agr. and head dept. farm manag., 1917-. Mem. State Dairy and Food Comn., 1908-9; sec. Wash. State Grain Growers, Shippers and Millers Assoc., 1908-9, 1914; sec. Inland Empire Stock Breeders Assoc., 1904. —*b.* Walled Lake, Mich., Feb. 4, 1874; *s.* Thos. Chalkley and Martha (McCall) S.; reared on farm; *m.* Ethel Eslick Espy, Aug. 28, 1907; *c.* Percy Howard, Mabel Grace, Helen Katherine, Ethel Jean. B.S.A., Mich. Agr. Coll., 1901.

Severin, Harry Charles, prof. ent.-zool., state ent. and chief nursery insp., and ent. Exp. Sta., S. D. State Coll., Brookings, S. D.

Instr., Ohio State Univ., 2 yrs.; asst. to state ent. Ill., summer 1907; present position, 14 yrs. Fellow A. A. A. S.; mem. S. D., Acad. Sci. (Orthoptera, Homoptera, Heteroptera). —*b.* Milwaukee, Wis., Mar. 28, 1885; *s.* Henry and Augusta (Schultz) S.; reared in city. B.A., Univ. Wis., 1906; M.A., Ohio State Univ., 1907. Sigma Xi.

Sevey, Glenn C., ed. New England Homestead, Russell, Mass.

Sec. New England Farmers War Council; pres. New England Dairy and Food Council. *Auth.*: Bean Culture; Peas and Pea Culture. —*b.* Greenbush, Mich., Mar. 15, 1881; *s.* John C. and Emma (McClure) S.; reared on farm; *m.* Marie Vance, Mar. 1904; *c.* John C., Elaine C. B.S., Mich. Agr. Coll., 1903. Alpha Zeta.

Sewell, Malcolm Cameron, assoc. prof. soils, Kans. State Agr. Coll., Manhattan, Kans.

Farmer, Julesburg, Colo., 1910-1; asst. soils, Ohio State Univ., 1912-3; supt. Garden City Branch Exp. Sta., 1914-5; asst. prof. soils, Kans. State Agr. Coll., 1916-20; assoc. prof., 1920-. —*b.* Buffalo, N. Y., Oct. 6, 1887; *s.* Jas. Malcolmson and Kate (McNiven) S.; reared in town. B.S.A., Kans. State Agr. Coll., 1912; M.S., Ohio State Univ., 1914; Ph.D., Univ. Chicago, 1922. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi; Alpha Zeta; Sigma Nu.

Sexauer, T. E., prof. agrl. educ., Univ. Mo., Columbia, Mo.

Teach. agr., high-sch., Albert Lea, Minn., 1909-13; Dunn Co. Sch. Agr., 1913-7; present position, 1919-. —*b.* Ankeny, Ia., Aug. 1, 1877; *s.* Henry and Susan (Cline) S.; reared on farm; *m.* Exie Spahr, 1911; *c.* Edgar Lee. B.S., Ia. State Coll., 1909; M.S., 1918. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Seyforth, Harlan Guy, co. agrl. agt., Ellsworth, Wis.

Dairyman, 6 yrs.; farmers inst. lecturer, 4 yrs. (Alfalfa). —*b.* Mondovi, Wis., Aug. 9, 1891; *s.* Fred J. and Alice (Claflin) S.; reared on farm; *m.* Louise Truempler, Oct. 10, 1920. B.S., Univ. Wis., 1914.

Seymour, Edward Loomis Davenport, agrl. ed., Hempstead, N. Y.

On staff World's Work, 1911-2; Country Life in America and The Garden Magazine, 1913-8; mem. Foreign Press Bur., Com. on Public Information, 1918-9; assoc. ed. The Florist's Exchange and Horticulture Trade World, 1919-; independent agrl. and hort. writer and ed., 1919-. *Auth.*: Garden Profits, 1911; The Home Garden, 1917. *Ed.*, Farm Knowledge—The Farmers' Own Cyclopedia, 1918. —*b.* Boston, Mass., Apr. 29, 1888; *s.* Wm. S. and May (Davenport) S.; reared in city and country; *m.* Anne G. Southard, Jan. 17, 1912. B.S.A., Cornell Univ., 1909. Alpha Zeta.

Seymour, James Henry, head dept. agr., State Teach. Coll., Valley City, N. D.

Teach. rural schs., 3 yrs.; princ. schs., Irwin, Defiance, Panora, Ia., 1903-9; supt. schs., Pomeroy, Ia., 1910-2; asst. dept. agrl. educ., Ia. State Coll., 1913; asst. dept. agr., State Normal Sch., Valley City, N. D., 1914-6; head dept. agr., 1916-. —*b.* Shelby Co., Ia., Sept. 9, 1877; *s.* Monroe and Carrie B. (Hutzel) S.; reared on farm; *m.* Maud F. Farrell, June 8, 1904; *c.* Allison Jas., Millicent Elizabeth. B.Di., Ia. State Teach Coll., 1909; B.S., Ia. State Coll., 1915; M.S., 1925.

Shaad, Ernest Grover, teach. agr., Lowville Acad., Lowville, N. Y.

Teach. agr., high-sch., New London, Minn., 1914-6; Fairfax, 1916-7; Deer River, 1917-8, 1919-22; farmer, Salisbury Center, N. Y., 1922-4; present position, 1924-. Served in A. E. F., 1918-9. —*b.* Stratford, N. Y., Jan. 25, 1891; *s.* Frank E. and Lillian (McLean) S.; reared on farm; *m.* Maybelle A. Bergh, Dec. 30, 1921; *c.* Robt. Bergh, Calvin Frank. B.S.A., Kans. State Agr. Coll., 1914.

Shafer, Frederick Fletcher, assoc. drainage engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

b. Morocco, Ind., July 9, 1880; *s.* John Finley and Catherine E. (Goddard) S.; reared on farm; *m.* Syble B. Templeton, June 13, 1911; *c.* Karl F., Theodore C., John T. B.S., Purdue Univ., 1907; C.E., 1911. Tau Beta Pi.

Shaff, J. Ostrander, farmer, Camanche, Ia.

Mem. 37th Assembly of Ia. (Dairying). —*b.* Camanche, Ia., Jan. 6, 1885; *s.* John H. and Jennie (Drips) S.; reared on farm; *m.* Gladys Melick, Feb. 16, 1909; *c.* Roger J., J. Jr., Jeanne. B.S., Ia. State Coll., 1904; M.S., Univ. Wis., 1908. Phi Kappa Sigma.

Shales, John Melville, distr. superv. agrl. instr., Murrayville, B. C.

b. Perth Road, Ont., Feb. 26, 1894; *s.* Wm. E. and M. A. (Ennis) S.; reared on farm; *m.* Laura M. Stillwell, July 31, 1920; *c.* John Stillwell. B.A., Queen's Univ., 1914; B.S.A., Toronto Univ., 1919.

Shambaugh, J. J., farmer, Miles City, Mont.

Farmer and stockman, Ia., Mont., 1912-. Pres. Yellowstone Valley Seed Growers Assoc.; pres. Custer Co. Farm and Stock Bur. Mem. bd. dir., State Life Insurance Co., Des Moines, Ia. — *b.* Booneville, Ia., Nov. 20, 1882; *s.* John and Elizabeth (Gutshall) S.; reared on farm; *m.* Laura Withington, Nov. 19, 1913; *c.* Elizabeth Joan. Grad., Yale Univ., 1904.

Shamel, Archibald Dixon, physiologist in chg. fruit improvement invests., U. S. Dept. Agr., Riverside, Calif.

Chg. farm crop dept., Univ. Ill., 1898-1902; chg. tobacco invests., U. S. Dept.

Agr., 1902-9; fruit improvement invests., 1909-. Inventor tobacco seed separator, 1904; steam-pan soil sterilizer, 1904; humidifier for storage rooms, 1914; co-inventor, tobacco stalk cutter, 1917. Originator of individual-tree performance-record method, 1910. Organized Ill. Seed Corn Breeders Assoc., 1898. Developed and introduced method for protecting tobacco seed from cross-pollination under paper bag, 1903; originated and introduced furrow-manure method, 1914. Traveled in Cuba and Porto Rico, 1904, to study tobacco; Brazil, 1914, to study tropical fruits; Hawaiian Isls., 1920-4, to study improvement of sugar-cane and pineapples through bud selection. *Auth.*: Manual of Corn Judging, 1900; various contributions on bud selection, corn, tobacco, etc. —*b.* near Taylorville, Ill., Oct. 15, 1878; *s.* Conrad and Caroline (Alkire) S.; reared on farm; *m.* Agnes F. Brewer, Sept. 25, 1907; *c.* Carol Agnes, Norman A., John D. B.S., Univ. Ill., 1898. Sigma Alpha Epsilon; Alpha Zeta.

Shanahan, John Daniel, crop technologist, E. Huron, N. Y.

Grain insp. dept., Buffalo Chamber of Commerce, 1887-98; chief dept., 1898-1906; mem. Wis. Grain and Warehouse Comn., 1905-6; crop technologist in chg. div. grain standardization, U. S. Dept. Agr., 1906-10; in British India investigating oil seeds ind., 1910-1; W. Africa, investigating palm oil industry, 1912-3; grain business, Duluth, Minn., 1914-6; grain expert on headquarters staff, Food Adminis. Grain Coop., New York City, 1917-9; asst. to U. S. Wheat dir., traveled through Europe, 1919; wheat expert, Niagara Falls Milling Co. (Wheat for milling). —*b.* Buffalo, N. Y., Oct. 24, 1864; *s.* Daniel W. and Mary L. (Ulrich) S.; *m.* Minnie F. Hair, Feb. 1, 1906.

Shantz, Homer LeRoy, sr. physiologist in chg. plant physiological invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. biol., Colo., Coll., 1901-2; instr. agrl. bot., Univ. Neb., 1903-4; instr. bot., Univ. Mo., 1905-7; prof. bot. and bact., Univ. La., 1908-9; present position, 1909-; special detail to determine natural plant resources and crop producing possibilities of large portions of Africa, for use of Allied Peace Commission, 1917-9; special detail as agrl. explorer with Smithsonian Inst. African Exped., 1919-20; special detail, educ. comn. to E. Africa; special lect. plant geography, Clark Univ. Fellow A. A. A. S. —*b.* Kent Co., Mich., Jan. 24, 1876; *s.* Abraham K. and Mary E. (Ankney) S.; reared on farm; *m.* Lucia Moore Soper, Dec. 25, 1901; *c.* Homer L. Jr., Benj. Soper. B.Sc., Colo. Coll., 1901; Ph.D., Univ. Neb., 1905. Sigma Xi.

Shapovalov, Michael, assoc. plant path., U. S. Dept. Agr., Citrus Exp. Sta., Riverside, Calif.

Asst. path., Me. Agr. Exp. Sta., 1912-6; agt., U. S. Dept. Agr., 1916-7; asst. plant path., 1918-9; path., 1920-4; assoc. path. in chg. western tomato disease invest., Riverside, 1924-. Mem. Wash. Acad. Sci. —*b.* Russia, July 14, 1880 (naturalized 1917); *s.* Joseph and Evelyn (Plygovka) S.; reared on farm; *m.* Mary I. Witt, Feb. 1907; *c.* Leo. Student Theol. Sem., Vitebsk, Russia, 1896-1903; Univ. of Dorpat, 1904-11; Univ. Wis., 1911-2; M.S., Univ. Me., 1913.

Sharp, Marlay A., state superv. agrl. educ., Dept. Public Instr., Pierre, S. D.

Supt. schs. and teach. 5 yrs. Pilot U. S. Naval Air Serv., World War. —*b.* McCook, Neb., May 22, 1889; *s.* W. M. and Sarah May (Colman) S.; reared on farm; *m.* Winnifred Watson, June 30, 1923. B.S.A., Univ. Neb., 1915.

Sharp, Paul Francis, prof. dairy chem., Cornell Univ., Ithaca, N. Y.

Instr. agrl. biochem., Univ. Minn., 1919-22; asst. chem., Mont. Agr. Exp. Sta., 1922-4; assoc. chem., 1924-5; present position, 1925-. In Chem. Warfare Serv., World War. —*b.* Allen, Neb., Dec. 6, 1894; *s.* Albert and Ida (Stewart) S.; reared in town and on farm; *m.* Bernice F. Pyle, Aug. 31, 1917; *c.* Marylin B. A.B., Neb. Wesleyan Univ., 1917; M.S., Univ. Minn., 1920; Ph.D., 1922. Sigma Xi; Phi Lambda Upsilon; Gamma Sigma Delta; Gamma Alpha.

Sharritt, Paul L., sec.-treas. Miami Co. Nat. Farm Loan Assoc., Troy, O.

In chg. farm labor dept. employment serv., Dayton, O., under Council Nat. Defense, 1917-8; co. agrl. agt., Troy, 1918-22. —*b.* Germantown, O., Jan. 1, 1893; *s.* Aaron and Florence S. (Lambert) S.; reared on farm; *m.* Vergie B. Gaver, Apr. 5, 1915; *c.* Dean Weston. B.S., Ohio State Univ., 1914.

Shattuck, Charles Houston, pres. W. C. Shattuck Corp., Idaho Falls, Ida.

Instr. physics and chem., Campbell Coll., 1895-8; prof. biol. and geol., vice-pres. and registrar, 1898-1903; prof. nat. hist., Washburn Coll., 1904-8; prof. bot. and for., Clemson Agr. Coll., 1908-9; prof. for., Univ. Ida., 1909-17; dean Coll. Letters and Sci., 1914-7; prof. for., Univ. Calif. and tech. adv. field parties, U. S. Geol. Survey, 1917-9. Sec.-treas. E. Ida. Loan and Trust Co.; sec. and manag. Mountain State Bldg. and Loan Assoc. —*b.* Vandalia, Mo., Nov. 21, 1867; *s.* Warren Chas. and Matilda Catherine (Houston) S.; reared on farm; *m.* Maud Elizabeth Stackhouse, Aug. 15, 1895. B.S., Campbell Coll., 1894; M.S., 1898; Ph.D., Univ. Chicago, 1908; Biltmore For. Sch., 1908.

Shaver, Ross Otis, co. agrl. agt., Oneonta, Ala.

Served in U. S. Army, 1917-8. —*b.* St. Louis, Mich., Aug. 24, 1891; *s.* Abel Lewis and Maria (Griffeth) S.; reared in city and on farm. B.S., Ala. Poly. Inst., 1923.

Shaw, Ada Melville, manag. ed. The Farmer's Wife, Webb Pub. Co., St. Paul, Minn.

b. Montreal, Que., 1862 (naturalized 1892); *m.* John Barber Shaw, 1897. Grad. Teach. Coll., Winona, Minn., 1883.

Shaw, Albert M., teach. agr., Hollenbeck Jr. High-Sch., 602 S. Soto St., Los Angeles, Calif.

b. Edwards, N. Y., May 12, 1877; *s.* L. Nathan and Laura A. (Cook) S.; reared on farm; *m.* Mary I. Crandall, Aug. 25, 1908. Grad. State Normal Sch., Potsdam, N. Y., 1905.

Shaw, Alexander Malcolm, prof. and head dept. an. husb., Univ. Sask., Saskatoon, Sask.

Agrl. agt., Great Northern Ry., St. Paul, Minn., 1910-3; asst. prof. an. husb., Univ. Sask., 1913-5; prof. and chief dept., 1915-; live-stock comnr. for Sask., 1918. Traveled in Europe and Great Britain, 1913, purchasing live-stock for J. J. Hill of St. Paul. —*b.* Woodburn, Ont., June 12, 1885; *s.* Robt. and Annie (Brown) S.; reared on farm; *m.* Winkona Frank, Dec. 28, 1918. B.S.A., Univ. Toronto.

Shaw, Charles Fredrick, prof. soil tech. and chg. soil survey for Calif., Univ. Calif., Berkeley, Calif.

Asst. in soils, Cornell Univ., 1905-6; sci. in soil survey, U. S. Bur. Soils, 1906-12; collaborator soil survey, 1912-; instr. agron., Penn. State Coll., 1907-9; asst. prof., 1909-13; present position, 1913-; consulting engin., U. S. Reclamation Serv., 1919-. Fellow A. A. A. S., Amer. Geographic Soc.; vice-pres. Nat. Drainage Congress, 1920. —*b.* W. Henrietta, N. Y., May 2, 1881; *s.* Fred F. and May A. (Tawalt) S.; reared on farm; *m.* Helen S. Hosterman, June 19, 1909. B.S.A., Cornell Univ., 1906. Alpha Zeta.

Shaw, Dewey D., teach. voc. agr., high-sch., Britton, S. D.

b. July 26, 1898; *s.* Jas. Henry and Henrietta (Young) S.; reared on farm. B.S., Ia. State Coll., 1924. Delta Phi.

Shaw, Fred Clifford, manag. Knollwood Farm, Port Chester, N. Y.

Farm manag. and teach. agr., Farm and Trades Sch., Thompson's Isl., Boston, 1913-6; formerly co. agrl. agt., Bennington, Vt. —*b.* Sunderland, Vt., Dec. 27, 1889; *s.* Herbert Needham and Helen Elizabeth (Hard) S.; reared on farm and in town; *m.* Helen Gale Wood, Sept. 2, 1916; *c.* Ann Putnam. B.S., Cornell Univ., 1913. Alpha Zeta.

Shaw, Jacob Kingsley, res. prof. pom., Mass. Agr. Coll., Amherst, Mass.

Dairy and fruit farmer, Northfield, Vt., 1899-1902; instr. hort. and chem., Baron de Hirsch Agr. Sch., Woodbine,

N. J., 1902-4; asst. bot. and hort., N. J. Exp. Sta., 1904-5; acting asst. prof. hort., Univ. Mo., 1905-6; instr. hort., N. H. A. & M. Coll., 1906-7; asst. hort., Mass. Exp. Sta., 1908-11; res. pom., 1911-9; prof. hort., W. Va. Univ., 1919-20; present position, 1920-. Fellow A. A. A. S. —*b.* Northfield, Vt., Aug. 5, 1877; *s.* Wm. O. and Elisabeth (Kingsley) S; reared on farm; *m.* Bertha T. Simpson, Aug. 23, 1905; *c.* Doris Elisabeth, Edna Adams, Genevieve Elaine. B.S.A., Univ. Vt., 1899; M.S., Mass. Agr. Coll., 1908; Ph.D., 1911. Phi Kappa Phi.

Shaw, Robert Sidey, dean agrl. div. and dir. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Prof. agr. and agrst., Mont. Agr. Coll., 1898-1902; prof. agr., Mich. Agr. Coll., 1902-10; dir. Exp. Sta., 1908-; dean agrl. div., 1910-; acting pres., 1921-2, 1923-4. Contr. to Book of Rural Life. Ed. Mich. Sta. Quarterly, 1918-. —*b.* Woodbury, Ont., July 24, 1871 (naturalized 1902); *s.* Thos. and Mary Janet (Sidey) S.; reared on farm; *m.* May Travis, Jan. 2, 1901; *c.* Robt. Linn, Sarah May. B.S.A., Ont. Agr. Coll., 1893; D.Agr. 1922. Alpha Zeta.

Shaw, Wilfred, co. agrl. agt., Peoria, Ill.

Ensign U. S. Navy, 1918-9. —*b.* Marshall, Ill., May 23, 1897; *s.* Wilfred and Mary (Twilley) S.; reared on farm; *m.* Gladys Louise Paul, Oct. 27, 1921. B.S., Univ. Ill., 1920. Alpha Delta Phi; Alpha Zeta.

Shawver, John Laney, farmer and orchardist, Bellefontaine, O.

Teach. public schs., 15 yrs.; instr. voc. dept., Lincoln Univ.; dir. voc. schs., DeLand, Fla., 1919-25; lect. Ohio Farmers Insts., 1890-1915; in building business, 30 yrs. *Auth.*: Plank Frame Construction, 1896; The Kirkpatrick Family, 1922; The Shawver Family, 1924. *Assoc. ed.* Grange Bulletin, 1890-8; Industrial Age, 1898-1903. —*b.* O., Apr. 6, 1859; *s.* Elias and Sarah (Williams) S.; reared on farm; *m.* Mary E. Miller, 1885; *c.* Chas. E., Grace, Frances, Lawrence, Lucile. Student Wittenburg Coll., Chicago Sch. Arch.

Sheap, John Vernon, co. agrl. agt., Owosso, Mich.

Manag. Sheap-Johnson Seed Co., Harrisville, Mich., 1909-10; manag. E. J. Sheap & Son, market gard. and greenhouse growers, 1911-8; agrl. agt. Jackson Co., 1918-20; Shiawassee Co., 1920-. —*b.* Reading, Mich., Sept. 26, 1884; *s.* Edward J. and Anna M. (Van Neida) S.; reared in town and country; *m.* Grace Louise Harroun, Dec. 17, 1907; *c.* Edward Jay, John Vernon Jr., Stanley Harroun. Student Mich. Agr. Coll., 3 yrs.

Shear, Cornelius Lott, sr. path in chg. plant disease survey and path. collections, Bur. Plant Ind., U. S. Dept. Agr., Washintgon, D. C.

Fellow A. A. A. S. Pres. Amer. Phytopath. Soc., 1919. Del. to Intern. Congress Bot., Vienna, 1905. Fruitgrower, Vienna, Va., 1907-19. (Small-fruit diseases, taxonomy of the Pyrenomycetes). —*b.* Coeymans Hollow, N. Y., Mar. 26, 1865; *s.* Henry L. and Mary (Speenburgh) S.; reared on farm; *m.* Avis M. Sherwood, Dec. 25, 1890; *c.* Sherwood Wm., Deming Jonas, Mary Beatrice, Geo. Myron, Dorothy Margaret, Cornelius Barrett. B.S., Univ. Neb., 1897; M.A., 1901; Ph.D., Geo. Washington Univ., 1906. Sigma Xi.

Shear, Elmer Vanderzee Jr., plant path., Hudson Valley Hort. Invest. Lab., Vassar Coll., Poughkeepsie, N. Y.

Assoc. res., N. Y. State Agr. Exp. Sta., 1923-; partner in Creekpaum & Shear Orchards, Ravena, N. Y. Served in A. E. F., 1917-9. —*b.* Feura Bush, N. Y., Apr. 4, 1896; *s.* Elmer V. and Susan (Slingerland) S.; reared on farm; *m.* Grace A. Creekpaum, Sept. 20, 1922; *c.* Susan Jean. B.S., Cornell Univ., 1922.

Shear, Sherwood William, assoc. in rural institutions, Univ. Calif., Davis, Calif.

Sci. asst. in marketing and distribution, Bur. Markets, U. S. Dept. Agr., 1917; present position, 1922-. Pharmacists' mate, Hospital Corps, U. S. Navy, 1918-9. Fruit farmer, Vienna, Va., 4 yrs. —*b.* Alcove, N. Y., July 2, 1892; *s.*

Cornelius Lott and Avis Morrison (Sherwood) S.; reared on farm; *m.* Fera E. Webber, June 16, 1923; *c.* Fera Lee. B.S.A., Univ. Wis., 1918; M.S., 1920; Ph.D., 1924.

Shearer, Phineas Stephens, prof. an. husb. and chief an. breeding, Ia. State Coll., Ames, Ia.

Instr. an. husb., Univ. Neb., 1912; Ia. State Coll., 1913-. —*b.* Melbourne, Ia., May 24, 1889; *s.* Wm. R. and Laura (Andrews) S.; reared on farm; *m.* Mary C. Kelley, 1918; *c.* Robt. Wm., Patricia Ann. B.S., Ia. State Coll., 1912. Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta; Theta Delta Chi.

Sheay, John, co. agrl. agt., Jordan, Minn.

Instr. agr., high-sch., Hutchinson, Minn., 1913-8; agrl. agt. Meeker Co., 1919-20; asst. prof. agrl. econ., Univ. Mo., 1920-2; agrl. agt. Scott Co., Minn., 1923-. (Agrl. econ.). —*b.* Bement, Ill., Mar. 31, 1891; *s.* John and Ardilla (Davis) S.; reared on farm; *m.* Emma Nelson, July 20, 1915; *c.* Robt. Warren, Mary Elizabeth. B.S.A., Univ. Ill., 1912; grad. student, Univ. Wis., 1912, Univ. Mo., 1920.

Shedd, Claude Kedzie, ext. engin., Kans. State Agr. Coll., Manhattan, Kans.

Formerly assoc. prof. agrl. engin., Ia. State Coll.; manag. tractor tests, Univ. Neb. Ex-sec.-treas. Amer. Soc. Agrl. Engin. (Farm power). —*b.* Pickrell, Neb., Nov. 27, 1884; *s.* Chas. M. and Nellie M. (Steele) S.; reared on farm; *m.* Mary F. Currier, June 30, 1910; *c.* Adella L., Esther M., Robt. K. B.S.A., Univ. Neb., 1909; B.S. in Agr. Engin., Ia. State Coll., 1914. Sigma Xi; Alpha Zeta.

Shedd, Oliver March, assoc. prof. chem. and res. chem. Exp. Sta., Univ. Ky., Lexington, Ky.

Chem. Ky. Exp. Sta., 1902-11; res. chem., 1911-. Vice chm., Lexington Sect., Amer. Chem. Soc., 1917, sec., 1920-; chm., 1921; councillor, 1922. Expert in Council of National Defense, 1917-. —*b.* Lexington, Ky., Mar. 8, 1880; *s.* John Riley and Phoebe (Hicks) S.; reared in city; *m.* Carlotta Sharp, Oct. 17, 1906. B.S., Univ. Ky., 1901; M.S., 1904.

Sheets, Earl Wooddell, chief an. husb. div., Bur. An. Ind. U. S. Dept. Agr., Washington, D. C.

Teach. rural and public schs., 1902-6; instr. agr., W. Va. State Normal Sch., 1911; instr. an. husb., W. Va. Univ., 1911-2; asst. dir. agrl. ext. in chg. farmers insts. and state agt. in chg. boys and girls clubs, 1912-3; prof. an. husb. and an. husb. Exp. Sta., 1913-8; ext. an. husb. in chg. beef cattle ext. work, U. S. Dept. Agr., 1918-9; in chg. beef cattle invests., 1919-21; acting chief, 1921-4; chief an. husb. div., 1924-. Sec. Farmer Co. and assoc. ed. W. Va. Farmer, 1906-14; lect. W. Va. Grange, 1908-12; sec. Tri-State Sheep Breeders Assoc., 1911-7; sec. W. Va. Live-Stock Assoc., 1914-8; sec. Amer. Soc. An. Production, 1923-. *Ed.* and pub. Laboratory and Field Manual of Agriculture; Laboratory and Field Manual of Botany. —*b.* Lost Creek, W. Va., Dec. 23, 1886; *s.* Arthur and Annie Jane (Wooddell) S.; reared on farm; *m.* Leda Cordelia Atkeson, Oct. 29, 1912; *c.* Jane Atkeson, Helen Wooddell, Betty Carolyn. B.S., Univ. W. Va., 1911; M.S., Univ. Ill., 1914. Sigma Xi; Kappa Alpha.

Sheets, George Vest, teach. voc. agr., high-sch., Bloomfield, Mo.

Head sci., high-sch., Moberly, Mo., 1913-4; supt. schs., Atlanta, 1914-5; agrl. agt. Stoddard Co., 1920-3; present position, 1924-. Sec. Ripley Co. Shippers Assoc.; sec.-treas. Ripley Co. Farm Loan Assoc. In U. S. Army, 1917-9; chg. poultry dept., A. E. F. Univ., Beaune, France, 1919. (Poultry). —*b.* Moscow, Mo., Mar. 21, 1889; *s.* M. E. and Ida (Dyer) S.; reared on farm. A.B., Cent. Wesleyan Coll., 1911; B.S., Univ. Mo., 1913, 1917.

Sheffer, Lafayette Miles, prof. agrl. educ., Univ. Ga., Athens, Ga.

Princ. graded sch., Boxville, Ky., 1912; princ. high-sch., Hardinsburg, 1914-5; ext. force, Univ. Ky., summer 1917. —*b.* Morganfield, Ky., Mar. 21, 1888; *s.* N. G. and Anne (Floyd) S.; reared on farm. B.S.A., Univ. Wis., 1917.

Sheffield, Lloyd Arthur, instr. voc. agr., Ross Township Centralized Schs., Jamestown, O.

Served in Field Art., U. S. Army, 1917-8. —*b.* Hamilton, Mich., Oct. 27, 1895; *s.* Hugh A. and Rosa C. (Illg) S.; reared on farm. B.S., Mich. Agr. Coll., 1922.

Sheldon, John Lewis, bot. and bact., Morgantown, W. Va.

Instr. Mt. Hermon Boys' Sch., 1892-4; instr. bot., prep. sch., Univ. Neb., 1898-9; head dept. nat. hist., Neb. State Normal Sch., 1899-1900; instr. agrl. bot., Univ. Neb., 1900-3; prof. bact., W. Va. Univ., 1903-7; prof. bot. and bact., 1907-13; prof. bot., 1913-9; plant path., W. Va. Exp. Sta., 1903-7. Fellow A. A. A. S., —*b.* Voluntown, Conn., Nov. 10, 1865; *s.* Samuel H. and Lucy A. (Lewis) S.; reared on farm; *m.* Clara Adams Fleming, Aug. 21, 1907; *c.* Earl Fleming. B.Ped., B.Sc., Ohio Northern Univ., 1895; B.Sc., Univ. Neb., 1899; A.M., 1901; Ph.D., 1903. Sigma Xi; Phi Beta Kappa; Kappa Psi.

Sheldon, Victor Brase, co. agrl. agt., Maysville, Mo.

Princ. high-sch., 1914-8; co. agrl. agt., 1917-. —*b.* Salida, Colo., Apr. 28, 1889; *s.* Marion and Minnie (Hudson) S.; reared on farm; *m.* Winifred Lawrence. B.S., Mo. Wesleyan, 1914.

Shepard, John Berdan, agrl. statistician, Div. Crop Estimates, U. S. Dept. Agr., Washington, D. C.

Farm manag., N. Y. and Pa., 1907-8; manag. farms, irrig. enterprise and public utility property, San Marcos, Tex., 1909-13; consulting agrst., J. G. White & Co., 1913-4; consulting agrst., 1914-8; present position, 1918-. —*b.* Buffalo, N. Y., Oct. 30, 1884; *s.* Walter J. and Mary W. (Berdan) S.; *m.* Mary Bell Churchyard, 1918; *c.* Elizabeth Churchyard, Walter T., Ida Mary. B.S.A., Cornell Univ., 1907; A.B., 1916.

Shepard, Lester, co. agrl. agt., Rock Rapids, Ia.

Teach. rural schs.; instr. sci. and princ. high-sch. Sec. Pure Bred Live Stock Assoc. (Agron.). —*b.* Upper Sandusky, O., June 23, 1884; *s.* L. C. and Mary (Trautwein) S.; reared on farm; *m.* Elva V. Akin, June 4, 1919. B.A., Univ. Ia., 1913; B.S.A., Ia. State Coll., 1916.

Shepardson, Charles Noah, in chg. dairy manufactures, Colo. Agr. Coll., Fort Collins, Colo.

Insp., Colo. State Dairy Comn., 1919; ext. an. husb., Univ. Wyo., 1919-20; present position, 1920-. Capt. Inf., U. S. Army, 1917-9. —*b.* Littleton, Colo., Jan. 7, 1896; *s.* Noah S. and Mary (Chatfield) S.; reared in town; *m.* Florence Redifer, July 31, 1923. B.S., Colo. Agr. Coll., 1917; M.S., Ia. State Coll., 1924. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Shepherd, Arthur Lewis, co. agrl. agt, Poughkeepsie, N. Y.

Manag. Meadowood Farms, Cazenovia, N. Y., 7 yrs. (An. husb., hort.). —*b.* Williamsburg, Ky., Oct. 30, 1887; *s.* Jas. G. and Leiter M. S.; reared on farm; *m.* Bertha Mary Hatmaker, Mar. 22, 1911; *c.* Helen, Ruth, Florence. Student Cornell Univ., Mass. Agr. Coll.

Shepherd, Harry Whitcomb, lands. arch., Univ. Calif., Davis, Calif.

Orchardist and poultryman, Monrovia, Calif., 1907-14; superv. sch. gardens for 1915 Beautification Com., Los Angeles, 1914-5; instr. agr., Manual Arts High-Sch., Los Angeles, 1915-8; instr. agrl. educ., Univ. Calif., Jan.-Aug., 1919; dir. voc. agr. Lodi Union High-Sch., 1919-22; present position, 1922-. Sec. Arboricultural Assoc. of S. Calif., 1917-8; pres. agrl. sect., S. Calif. Assoc. Arts and Sci., 1917-8. Served in U. S. Army with A. E. F. —*b.* N. Attleboro, Mass., Sept. 8, 1890; *s.* Chas. Pitman and Alice Elizabeth (Williamson) S.; reared in town; *m.* Elsinore Steinmann, Aug. 12, 1916. B.S., Univ. Calif., 1914. Theta Xi; Alpha Zeta.

Sheppard, Clarence Wesley, farmer, Peculiar, Mo.

Instr. an. husb., Univ. Mo., 1917. From private to Capt. Inf., U. S. Army, 1917-8. (Live-stock, especially Poland-China hogs). —*b.* Kenoma, Mo., Jan.

9, 1891; *s.* Robt. T. and Sarah E. McMannis) S.; reared on farm. B.S.A., Univ. Mo., 1916. Gamma Sigma Delta.

Shepperd, John H., chm. an. husb. dept., N. D. Agr. Coll., Agricultural College, N. D.

Prof. agr., N. D. Agr. Coll., 1893-1904; dean and prof. agr., 1904-15; agrst., N. D. Exp. Sta., 1893-1905; agrst. and vice-dir., 1905-18; chm. an. husb. dept., 1918-. Pres. farmers inst. bd., 1900-15; supt. Intern. Live-Stock Expos. stock judging contest, 1906-. Traveled in Europe, 1925. *Auth.*: (with McDowell) Elements of Agriculture, 1906. On staff Orange Judd Farmer, 1892-3. —*b.* Chariton, Ia., Jan. 12, 1869; *s.* John W. and Clerenda Jane (Sanderson) S.; reared on farm; *m.* Adele Francis Taylor, July 3, 1895. B.S., Ia. State Coll., 1891; M.S.A., Univ. Wis., 1893.

Sherbakoff, Constantine Dmitriev, plant path., Tenn. Agr. Exp. Sta., Knoxville, Tenn.

Formerly assoc. plant path., Fla. Exp. Sta. —*b.* Russia, May 24, 1878 (naturalized 1918); *s.* Dmitry Ivanon and Anna A. (Stolarov) S.; reared on farm; *m.* May Gibson, Nov. 1916. B.S.A., Cornell Univ., 1911; Ph.D., 1915.

Sherley, John Adolph, manag. Service League Foundation, Inc., 33 Pearl St., Springfield, Mass.

Sec.-treas., Eastern States Agrl. and Ind. League; chm. Rural Life Bd. of Mass. Fed. of Churches; pres. Forest Park Council of Churches of Springfield, Mass. —*b.* Fontinell, Ia., May 30, 1875; *s.* Gottliebe and Mary (Sutter) S.; reared on farm and in town; *m.* Anstice Newton, 1906; *c.* Ella Augusta. John Newton, Warren Eugene. B.A., Oberlin Coll., 1901; B.D., Yale Divinity Sch., 1906.

Sherlock, Bertram Morgan, dir. voc. agr., high-sch., Ft. Madison, Ia.

b. Riverton, Ia., Oct. 31, 1901; *s.* Arthur E. and Lula (Morgan) S.; reared on farm and in country town. B.S., Ia. State Coll., 1924. Beta Theta Pi; Alpha Zeta; Gamma Sigma Delta.

Sherman, Caroline Baldwin, information worker, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Librarian, N. C. A. & M. Coll., 1903-7; librarian, Dairy Div., U. S. Dept. Agr., 1907-13; ed. and librarian, Bur. Markets, 1913-22; present position, 1922-. —*b.* Ash Grove, Va.; *d.* Franklin and Caroline (Alvord) S.; reared on farm; student Geo. Washington Univ., 1901-3.

Sherman, Edward Augustine, assoc. for., U. S. For. Serv., Washington, D. C.

Ed. and pub., 1896-1903; ed. Ft. Dodge, Ia. Post, 1899; Ravalli Co., Mont., Democrat, 1900; ed. and proprietor Ravalli Republican, Hamilton, Mont., 1901-3; from for. superv., Bitterroot For. Serv., Mont., to asst. for., U. S. For. Serv., 1903-20, having chg. all work involving land uses and titles; assoc. for., 1920-. Served in Spanish-Amer. War. (Classification of land). —*b.* Humboldt Co., Ia., Mar. 5, 1871; *s.* Edward and Sarah (White) S.; reared on farm; *m.* Eleanor Elizabeth Owen, June 14, 1905. B.Sc., Ia. State Coll., 1896; admitted to Bar of Utah. Phi Kappa Phi; Gamma Sigma Delta.

Sherman, Franklin, chief in ent., N. C. Exp. Sta., Raleigh, N. C.

Instr. ent., N. C. A. & M. Coll., 1902-4; prof. ent. and zool., Ont. Agr. Coll., 1905-6; present position, 1906-. Former pres. Nat. Assoc. Hort. Insp.; N. C. State Acad. Sci.; N. C. State Beekeepers Assoc.; sect. on apiculture, Amer. Assoc. Econ. Ent. —*b.* Fairfax Co., Va., Nov. 2, 1877; *s.* Franklin and Caroline M. C. (Alvord) S.; reared on farm; *m.* Grace Berry, May 12, 1903; *c.* Franklin, Dallas Berry, Joseph Edgar, Grace Caroline. B.S.A., Cornell Univ., 1900; M.S. (hon.), Md. Agr. Coll., 1912.

Sherman, James Morgan, prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Instr. bact., Univ. Wis., 1912-4; asst. prof. bact., Penn. State Coll., 1914-7; bact., U. S. Dept. Agr., 1917-23; present position, 1923-. —*b.* Ash Grove, Va., May 6, 1890; *s.* Franklin and Caroline (Alvord) S.; reared on farm; *m.* Gert-

rude Hendricks, Aug. 3, 1916 (d. 1918); *c.* Gertrude Hendricks. B.S., N. C. A. & M. Coll., 1911; M.S., Univ. Wis., 1912; Ph.D., 1916. Sigma Xi; Kappa Sigma; Alpha Zeta; Gamma Alpha.

Sherman, Luella Pearl, ext. nutr. specialist, Univ. Wyo., Laramie, Wyo.

Nutr. specialist, Kans. State Agr. Coll., 1922-4; present position, 1924-. — *b.* Grinnel, Kans., July 11, 1897; *d.* B. J. and Sarah (Smith) S.; reared on farm. B.S., Kans. State Agr. Coll., 1922. Omicron Nu; Phi Kappa Phi.

Sherman, Wells Alvord, specialist in chg. fruit and veg. div., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

State statistical agt., U. S. Dept. Agr. for Va. and W. Va., 1895-1900; sci. asst. in statistics, U. S. Dept. Agr., 1900-3; examiner in agr., U. S. Civil Serv. Comn., 1903-10; sci. asst. cotton handling and marketing, Bur. Plant Ind. U. S. Dept. Agr., 1912; asst. in market surveys, Off. Markets, U. S. Dept. Agr., 1913; specialist in market surveys, Bur. Markets, 1914-9; present title, 1919-. Specialist in chg. domestic wool sect., War Industries Bd., 1919-; organized and in chg. of market news serv. and shipping point insp. serv., fruits and vegetables; asst. in organizing div. of perishables, U. S. Food Adminis. —*b.* Ash Grove, Va., July 19, 1868; *s.* Franklin and Caroline M. C. (Alvord) S.; reared on farm; *m.* Elsie M. Besley, May 23, 1895; *c.* Caroline Elizabeth, Mary Collins, Elsie Besley, Martha Thatcher, Wells A. Jr., Grace Whitney. Grad. Greylock Inst., S. Williamstown, Mass., 1887.

Sherrard, Herman Henry, hort. comnr., Sonora, Calif.

Instr. agr., high-sch., Lyons, Kans., 1914-6; Manhattan, 1916-8; co. agrl. agt., hort. comnr. and insp. apiaries, Sonora, 1919-24; hort. comnr. 1924-. From private to 1st Lieut. Field Art., U. S. Army, 1918-9. (Agron., hort.). —*b.* Winfield, Kans., Feb. 27, 1891; *s.* David S. and Anne (Lippincott) S.; reared on farm. B.S.A., Kans. State Agr. Coll., 1914.

Sherwood, Ross M., chief div. poultry husb., Tex. Exp. Sta., College Station, Tex.

Asst. poultry husb., Ohio Exp. Sta., 1910-2; instr. to assoc. prof., Ia. State Coll., 1912-4; ext. specialist, Kans. State Agr. Coll., 1914-9; prof. in chg. poultry dept., 1916-7; present position, 1919-. Sec. poultry com., State Council of Defense, 1917-8. —*b.* Shabbona, Ill., Apr. 16, 1886; *s.* S. H. and Ida M. (Van Velzor) S.; reared on farm; *m.* Ida L. Spencer, July 26, 1911; *c.* Robt. S. B.S., Ia. State Coll., 1910; M.S., Tex. A. & M. Coll., 1924. Gamma Sigma Delta.

Shields, Fred M., teach. voc. agr., Ravia, Okla.

Instr. dairy husb., Okla. A. & M. Coll., 1923-4; present position, 1924-. 2d Lieut. Inf., O. R. C., U. S. Army. (Dairy husb.). —*b.* Fairlie, Tex., Nov. 23, 1898; *s.* C. J. and Minnie (Maynor) S.; reared on farm. B.S.A., Tex. A. & M. Coll., 1923.

Shields, Thomas Alden, farmer, Hackettstown, N. J.

Mem. bd. dirs., N. J. Lumbermens Assoc.; mem. bd. trustees, N. J. Swine Growers Assoc. In engin. dept., Penn. R. R., 2 yrs. Mem. N. J. State Assembly. (Tamworth swine). —*b.* Hackettstown, N. J., Sept. 22, 1885; *s.* Jacob A. and Emma (Ayers) S.; reared in town; *m.* Irene Hernandez Gardner, June 19, 1907. C.E., Lafayette Coll., Easton, Pa. Delta Upsilon.

Shigley, James Fremont, assoc. prof. vet. sci., Penn. State Coll., State College, Pa.

Asst. bact., Cornell Univ., 1913-5; instr. surg., 1915-6; chief vet., Beebe Laboratories Inc., St. Paul, Minn., 1918-23; present position, 1923-. Chm. com. on bact., Minn. Vet. Med. Assoc.; chm. milk insp., Pa. Dairy and Milk Assoc.; lect. Penn. State Grange. (Diseases of breeding animals). —*b.* Hart, Mich., June 11, 1885; *s.* Lafatte Fremont and Ann Elizabeth (Pringle) S.; reared on farm; *m.* Jennie Bertha Kelly, Oct. 25, 1916; *c.* Jas. Jr., Robt., Dorothy. B.Pd., Mich. State Normal

Coll., 1908; D.V.M., Cornell Univ., 1915. Sigma Xi; Alpha Tau Delta; Omega Tau Sigma.

Shillinger, Jacob Edward, asst. vet., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Lieut. Vet. Corps, U. S. Army, 1918-9. (Parasitic diseases of animals). —*b.* Clarion, Ia., Apr. 23, 1890; *s.* Samuel and Theresa (Steiner) S.; reared on farm. D.V.M., Geo. Washington Univ., 1914; B.S., Univ. Md., 1922; M.S., 1923.

Shinn, Charles Howard, for. examiner, U. S. Bur. For., Northfork, Calif.; Apr. 29, 1852-Dec. 2, 1924. See Rus 1920.

Shinn, James R., co. agrl. agt., Canton, Ill.

Asst. pom., Ill. Exp. Sta., 1904-7; prof. hort., Univ. Ida., 1907-9; agt. Spokane Co., Wash., 1913-20; agt. Fulton Co., Ill., 1920-. Sec. Ida. State Hort. Assoc., 1909-10; sec.-treas. Fulton Co. Nat. Farm Loan Assoc. —*b.* Mattoon, Ill., May 22, 1880; *s.* Geo. B. and Cornelia M. (Ricketts) S.; reared on farm; *m.* Edna M. Casstevens; *c.* Esther, Ben, Frances. B.S., Univ. Ill., 1904. Sigma Xi.

Shoemaker, Daniel Naylor, hort. invest., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Fair Haven, O., Nov. 16, 1869; *s.* Abraham and Mary (Kindley) S.; reared on farm; *m.* Frances Hartley, 1903; *c.* Dorothy. B.Sc., Earlham Coll., 1894; Ph.D., Johns Hopkins Univ., 1903. Phi Beta Kappa.

Shoemaker, Henry Reese, instr. voc. agr., high-sch., Middletown, Md.

Acting sec. Md. State Grange, 1917. In U. S. Army, 16 mos.; served with A. E. F. —*b.* Ashton, Md., July 2, 1895; *s.* Jas. Janney and Helen (Reese) S.; reared on farm. B.S., Md. State Coll., 1917. Sigma Phi Sigma.

Shoemaker, Henry Wharton, newspaper publisher, "Restless Oaks", McElhattan, Pa.

Stockman and farmer, breeder trotting, Hackney and thoroughbred horses. With C. H. & D. Ry., Cincinnati, O. and N. Y., 1900-3; sec. Amer. Legation, Lisbon, Portugal, 1903-4; asst. sec. Amer. Legation, Berlin, 1904-5; mem. N. Y. Stock Exchange firm, 1905-11; pres. Altoona, Pa., Times-Tribune, 1912-; vice-pres. Co. Nat. Bank, Lock Haven, Pa., 1920-2. Mem. Pa. State For. Comn., 1918-; pres. Pa. Alpine Club, 1917-; chm. State Hist. Comn. of Pa., 1924-; mem. State Geographic Bd. of Pa., 1924-. Lieut.-Col. Pa. Nat. Guard, 1915-9; rep. Pa. Nat. Guard in Europe to study anti-aircraft defenses, 1918; Lieut.-Col., O. R. C., 1924-. Studied for. conditions in Europe and N. Africa. *Auth.* and compiler, Indian legends of Cent. Pa., 12 vols., 1907-24. (For. conservation as related to agr.). —*b.* N. Y. City, Feb. 24, 1882; *s.* Henry Francis and Blanche (Quiggle) S.; reared in city and country; *m.* Beatrice Barclay, June 12, 1907; 2d, Mabelle R. Ord, May 10, 1913; *c.* Henry Francis. Student Columbia Univ.; Litt.D., Juniata Coll., Huntingdon, Pa., 1917; Litt.D., Franklin Marshall Coll., Lancaster, Pa., 1924. Phi Kappa Beta; Sigma Chi; Theta Nu Epsilon.

Shoesmith, Vernon M., real estate, E. Lansing, Mich.

Asst. and. asst. prof., Kans. State Agr. Coll., 1901-6; agron., Md. Exp. Sta., 1907-8; assoc. prof. agron., Ohio State Univ., 1908-10; prof. farm crops, Mich. Agr. Coll., 1910-7; general manag. The Jennings Farm, Bailey, Mich., 1917-9. Sec.-treas. Mich. Exp. Assoc. *Auth.*: The Study of Corn, 1913. —*b.* Leslie, Mich., Dec. 27, 1876; *s.* Geo. B. and Louisa A. (Cummins) S.; reared on farm; *m.* Elsie M. Morrison, Dec. 23, 1903; *c.* Margaret, Dorothy, Helen. B.S., Mich. Agr. Coll., 1901.

Shoffner, Charles Pennypacker, assoc. ed. The Farm Journal, Philadelphia, Pa.

Sec. The Liberty Bell Bird Club. Former ed., The Country Boy. —*b.* Norristown, Pa., Nov. 14, 1868; *s.* John and Jean (Boyle) S.; reared in town and on farm; *m.* Katherine H.

Stallman, Oct. 10, 1891; *c.* Edith K. (Mrs. J. W. Clokey). Studied Spring Garden Inst. Art Sch., 3 yrs.

Shollenberger, Joseph Heilman, assoc. marketing econ. in chg. milling invests., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. in grain standardization, U. S. Dept. Agr., Kansas City, 1913-7; present position, 1918-. Vice-pres. Nat. Assoc. of Milling and Baking Tech. (Flour milling, grain grading). —*b.* Hepburnville, Pa., Dec. 8, 1888; *s.* Wm. Lewis and Ida May (Heilman) S.; reared in village; *m.* Edith Delle Hevner, Nov. 23, 1915; *c.* Lewis Winnbert, Joseph H. Jr. B.S., Penn. State Coll., 1913.

Shorey, Edmund Cecil, biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

In sugar industry, Hawaii, 1891-9; in dye stuffs industry, 1918-22. (Organic chem. constituents of soils). —*b.* Lanark Co., Ont., Mar. 5, 1865 (naturalized 1900); *s.* Edmund S. and Harriet R. (Wartman) S.; reared on farm; *m.* Augusta G. Lasher, Nov. 2, 1896; *c.* Hester M. A.B., Queens Univ., 1886; A.M., 1887; D.Sc., 1896.

Short, Albert Kid, specialist in ext. methods, Tex. A. & M. Coll., College Station, Tex.

Breeder pure-bred Hereford cattle, 1901-9; asst. an. path. and bact., Univ. Ark., 1907-9; prof. an. husb., 1909-10; pres. 2d Distr. Agrl. Sch., Russellville, Ark., 1910-1; supt. Exp. Sta., Temple, Tex., 1912-6; agrl. agt., F. W. & D. C. Ry., 1916-8; extension agron., Tex. A. & M. Coll., 1918-23; present position, 1923-. —*b.* Roanoke, Tex., May 5, 1878; *s.* G. W. and M. R. (Phipps) S.; reared on ranch; *m.* Middie Helm, May 29, 1901; *c.* Flora Violet, Marjorie Frances. B.S.A., Tex. A. & M. Coll., 1900; grad. student, Ia. State Coll., 1911-2.

Short, Alexander Walker Jr., instr. sci. and agr., high-sch., Cairo, W. Va.

Asst. an. husb., W. Va. Univ., 1923-4; present position, 1924-. Private U. S. Marines, 1917-8; awarded Croix de Guerre, Victory Medal. (An. husb.). —*b.* Catlettsburg, Ky., Dec. 8, 1899; *s.* Walker S. and Carrie (Lockwood) S.; reared on farm; *m.* Frances Marie Ridgway, Feb. 10, 1923; *c.* Alexander W. III. B.S.A., W. Va. Univ., 1924. Phi Delta Lambda.

Shorthill, J. W., dir. and sec. Neb. Farmers Coop. Grain and Live-Stock Assoc., Securities Bldg., Omaha, Neb.

Farmer, Kans., until 1902. —*b.* Kans., 1871; *s.* John A. and Mildred (Ridenour) S.; reared on farm; *m.* Hattie V. Murphy, 1892; *c.* Ray, Lucile, Alan.

Shotwell, Robert Leslie, jr. ent., U. S. Dept. Agr., Box 1094, Billings, Mont.

Princ. high-sch., Wiley, Colo., 1921-2; asst. physical dir., Univ. Denver, 1916-7, 1919-20; present position, 1920-. Private U. S. Marines, 1917-9. (Orthoptera, Coccidæ). —*b.* Denver, Colo., Dec. 15, 1894; *s.* Wm. E. and Harriet C. (Pierson) S.; reared in city; *m.* Ruby M. Sammons, Dec. 28, 1920; *c.* Odette Louise, Harold Wm. A.B., Univ. Denver, 1920; M.A., Univ. Colo., 1920. Beta Theta Pi; Phi Sigma.

Shoup, Eldon C., agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Res. in marketing and econ., Bur. Agrl. Econ., 1922-4; agrl. econ., 1924-. Agrl. comnr. at Amer. Embassy, Berlin, Germany, 1924. Ensign, U. S. Navy, 1918-9. —*b.* Whiting, Kans., June 8, 1897; *s.* Lee Harrison and Alice (Campbell) S.; reared on farm; *m.* Lucy Botsford Johnson, Feb. 5, 1924. A.B., Washburn Coll., Topeka, Kans., 1920; M.B.A., Harvard Grad. Sch. Business Administration, 1922.

Shoup, George R., state poultryman, W. Wash. Exp. Sta., Puyallup, Wash.

With wholesale book and stationery houses, Dubuque, Ia. and Chicago, 20 yrs.; present position, 1915-. Served in Spanish-Amer. War. —*b.* Ill., Nov. 13, 1873; *s.* W. J. and Samantha (Whipple) S.; reared in city; *m.* Hermie Andrews, Sept. 23, 1902; *c.* Allen A., Frederic F., Carol Naomi.

Shoup, Hermie Andrews, poultry specialist, W. Wash. Exp. Sta., Puyallup, Wash.

b. Jackson Co., Ia., Mar. 30, 1874; *d.* N. S. and Lucy Maloa (Hunt) Andrews; reared in city; *m.* Geo. R. Shoup, Sept. 23, 1902; *c.* Allen A., Frederic F., Carol Naomi.

Showers, Byron Jennings, ext. agron., Univ. Ariz., Tucson, Ariz.

Cotton grower, Salt River Valley, Ariz., 1920-2; present position, 1922-. Treas. and dir. Ariz. Pimacotton Growers Assoc., 1921-3. (Specialist in cotton irrigation). —*b.* Kearney, Neb., Nov. 26, 1896; *s.* D. C. and Amanda M. (Barr) S.; reared on farm and in city; *m.* Naomi E. Reed, Nov. 24, 1921; *c.* Jas. Daniel. B.S., Univ. Calif., 1920. Delta Sigma Phi; Alpha Zeta; Pi Delta Epsilon.

Shrader, Harlan Loy, ext. asst. prof. poultry husb., Univ. Mo., Columbia, Mo.

Invest. poultry and egg handling, U. S. Dept. Agr., 1914-7; manag. Premier Hatchery, Warrensburg, Mo., 1920-1. Sec. Mo. Certified Poultry Breeders Assoc. 2d Lieut. Air Serv., U. S. Army, World War. —*b.* Cedar Rapids, Ia., Oct. 18, 1889; *s.* Albert and Harriett (Tillapaugh) S.; reared on farm and in town; *m.* Teresa Veale, Apr. 19, 1922; *c.* Ruth Marion. B.S.A., Univ. Mo., 1914.

Shumway, Chester Raymond, orchardist and lect., Ravenna, O.

Farm manag., Boone Co., Neb., 1911-2; dir. agrl. dept., Mankato high-sch., Minn., 1912-7; agt. Portage Co., O., 1917-23. —*b.* Marshall Co., Ia., May 20, 1884; *s.* Howard Haywood and Anna M. (Roberts) S.; reared on farm; *m.* Ethel McDonald, June 20, 1912; *c.* Margaret Eloise, Lorraine Easter. B.S., Ia. State Coll., 1911. Delta Sigma Rho; Gamma Sigma Delta.

Shutt, Donald Bethune, lect. bact., Ont. Agr. Coll., Guelph, Ont.

Dairy farmer, Ont., 1913-5; prof. bact., Man. Agr. Coll., 1922-5; present position, 1925-. Lieut. Canadian and British Army, 1916-9. (Dairy bact.). —*b.* Toronto, Ont., July 27, 1893; *s.* Wm. A. and Mary Helen (Stow) S.; reared in city; *m.* Greta M. Crowe, May 25, 1922. B.S.A., Univ. Toronto, 1922; student Mich. Agr. Coll., 1925.

Shutt, Frank Thomas, Dominion chem. and asst. dir., Expl. Farms, Ottawa, Ont.

Fellow in chem., Univ. Toronto, 1885-7; present position, 1887-. Fellow, Inst. of Chem., England, Chem. Soc., England, Chem. Soc., Amer., Soc. Chem. Ind., England, Royal Soc. of Canada. Pres. chem. and physics sect., Royal Soc. of Canada, 1916-7. British judge of cereals, World's Fair, Chicago, 1893. —*b.* London, England, Sept. 15, 1859; *s.* Wm. Denis and Charlotte (Cawthorn) S.; reared in city. B.A., Univ. Toronto, 1885; M.A., 1886; D.Sc., 1914.

Sibley, James L., distr. club agt., Ala. Poly. Inst., Auburn, Ala.

State rural schs. agt., Ala., 1913-8; distr. officer, Fed. Bd. for Voc. Educ., 1918-20; ext. prof. rural social work, Univ. Ga., 1920-2; present position, 1923-. Sec. Ala. Conference Social Work, 1923-. —*b.* Juniper, Ga., June 7, 1883; *s.* John A. and Sarah (Chandler) S.; reared on farm. B.S., Univ. Ga., 1902.

Sidwell, George William, co. agrl. agt., Ness City, Kans.

Princ. Ness City High-Sch., 6 yrs.; present position, 1920-. —*b.* Nephi, Utah, Jan. 13, 1889; *s.* Job R. and Rachel Sarah (Wilks) S.; reared on farm; *m.* Lois Orilla Ewers, Sept. 25, 1918; *c.* Lewis Wm., Geneve Orilla. Student Fairmont Coll., Wichita, Kans.

Siecke, Eric O., state forester of Tex., prof. for., Tex. A. & M. Coll., College Station, Tex.

For. asst., U. S. For. Serv., 1905-7, 1908-10; asst. prof. for., Wash. State Coll., 1907-8; asst. prof. for., Ore. Agr. Coll., 1910-1; deputy state for., Ore., 1911-8; present position, 1918-. Sec. Tex. For. Assoc. —*b.* Wisner, Neb., Aug. 28, 1882; *s.* Chas. L. and Dora M. (Witte) S.; reared on farm; *m.* Jessie Alice Chappell, 1904; *c.* Paul C. A.B., Univ. Neb., 1904; B.S. in For., 1905. Sigma Alpha Epsilon.

Siegler, Edouard Horace, ent. asst., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

(Deciduous fruit insects). —*b.* Philadelphia, Pa., Aug. 29, 1888; *s.* Franklin and C. Estelle (Lanneau) S.; reared in city. B.S., Penn. State Coll., 1911. Sigma Nu; Delta Theta Sigma.

Siegler, Eugene Alfred, asst. path. fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washintgon, D. C.

Asst. path. fruit disease invests., 1916-8, 1920-; exp. path., Penn. State Coll., 1919. —*b.* Philadelphia, Pa., July 28, 1891; *s.* Franklin and C. Estelle (Lanneau) S.; reared in city. B.S., Penn. State Coll., 1915; M.S., 1918. Sigma Nu.

Sieglinger, John B., assoc. agron., U. S. Dept. Agr., Exp. Sta., Woodward, Okla.

(Grain sorghum and broom corn). —*b.* Newton, Kans., Aug. 24, 1893; *s.* Fred and Hannah (Beardsley) S.; reared on farm; *m.* Helen M. Knox, Mar. 1, 1916; *c.* John Harris, Helen Lucile. B.S., Okla. A. & M. Coll., 1913; M.S.A., Kans. State Agr. Coll., 1915.

Sievers, Frederick John, prof. soils and soil physicist Exp. Sta., Wash. State Coll., Pullman, Wash.

Princ. state grade sch., Mishicot, Wis., 1905; princ. high-sch., Brillion, Wis., 1906-7; instr. soils, Univ. Wis., 1909-12; agron., Milwaukee Co. Sch. Agr., 1912-3; supt., 1913-7; present position, 1917-. Mem. exec. com., Intern. Farm Congress; pres. Pacific sect. Amer. Soc. Agron., 1923-4; pres. Pullman Chamber of Commerce, 1924. Fellow A. A. A. S. Dir. Stirling Mining and Milling Co. —*b.* Milwaukee Co., Wis., Oct. 1, 1880; *s.* Wm. and Elizabeth (Oelhafen) S.; reared on farm; *m.* Emma C. Behnke, June 12, 1907; *c.* Jeanette, Howard, Frederick. B.S.A., Univ. Wis., 1910; M.S., 1922. Sigma Xi; Phi Kappa Phi; Theta Chi; Alpha Zeta; Gamma Phi.

Silver, Gray, farmer, 208 S. La Salle St., Chicago, Ill.; home, Martinsburg, W. Va.

Farmer, W. Va. and Ill.; pres. Grain Marketing Co., Chicago; dir. and Washington rep. Amer. Farm Bur. Fed., 1920-4; pres. Potomac Farm Loan Bank; dir. Merchants and Farmers Bank, Martinsburg, W. Va. State Senate, W. Va., 1907-15, pres. of Senate and Lieut.-Gov.; appointed by Pres. Harding to Nat. Unemployment Conf.; mem. Farm Bur. group visiting Europe. Dir. Martinsburg Fruit Growers Assoc.; pres. Inwood Fruit Growers Club. —*b.* White Hall, Va., Feb. 17, 1871; *s.* Frank and Mary A. (Gray) S.; reared on farm; *m.* Kate Bishop, Dec. 4, 1908; *c.* Mary Gray, Gray Jr., Anne Beall, Frank V., Catherine duBois.

Simmons, Elizabeth Davis, poultry farmer and writer, Napton, Mo.

Lect., Mo. State Bd. Agr.; mem. exec. bd., Mo. Farm Bur. Fed., 1922; mem. exec. bd., Co. Farm Bur. Poultry ed., Corn Belt Farm Dailies; editorial writer for Poultry Breeders Pub. Co., Waverly, Ia. —*b.* Hardeman, Mo., Jan. 18, 1891; *d.* Thos. J. and Alice L. Davis; reared on farm; *m.* George Bartlett Simmons, Mar. 29, 1909; *c.* Valerie Ruth, Vivien Virginia, Genevieve Elizabeth, Alice Temple. Student Mo. Valley Coll.

Simmons, George Edward, prof. agron. and farm manag., Univ. Me., Orono, Me.

Instr. and registrar, Ohio Northern Univ., 1902-7; dir. ext., Univ. Me., 1909-10; head dept. agron. and farm manag., 1910-. Superv. educ. and farm training, U. S. Boys Working Reserve, 1917-8. Mem. exec. com., New England Branch, Amer. Agron. Assoc. —*b.* Greenfield, O., Feb. 9, 1870; *s.* Oliver Harbour and Alice Charlotte (Burgelt) S.; reared on farm; *m.* Mollie Rees. B.S., Ohio Northern Univ., 1902; M.S., 1905; B.S., Ohio State Univ., 1909.

Simmons, Perez, assoc. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Served in Engin. Corps, U. S. Army, 1917-9. Co.-auth. Twentieth Engineers, France, 1917, 18, 19. —*b.* Boston, Mass., June 4, 1892; *s.* John Frank-

lin and Fanny F. (Allen) S.; reared on farm; *m.* Elisabeth Catherine Demet, Oct. 15, 1919; *c.* Elisabeth Louise. B.Sc., Mass. Agr. Coll., 1916. Lambda Chi Alpha.

Simms, Bennett Thomas, prof. vet. med., Ore. Agr. Coll. and vet. Exp. Sta., Corvallis, Ore.

Instr. physiol. and path., N. C. A. & M. Coll., 1911-3; present position, 1913-. Sec. Ore. Vet. Med. Assoc. — *b.* Ramsey, Ala., Jan. 26, 1888; *s.* John Thos. and N. Epes (Thomas) S.; reared on farm. D.V.M., Ala. Poly. Inst., 1911. Alpha Zeta; Gamma Sigma Delta; Alpha Psi.

Simms, John Asa, ext. an. husb., Conn. Agr. Coll., Storrs, Conn.

Agt. an. husb., Conn. Agr. Coll., 1917-8; beef cattle specialist, La. State Univ., 1919; present position, 1921-. 2d Lieut. Air Serv., U. S. Army, 1918. — *b.* Ramsey, Ala., Aug. 19, 1892; *s.* John Thos. and N. Epes (Thomas) S.; reared on farm; *m.* Aline Marie Brown, Dec. 16, 1919; *c.* Aline Marie, Geraldine Elizabeth. B.S., Ala. Poly. Inst., 1915; M.S., N. C. State Coll., 1917. Phi Kappa Phi; Pi Kappa Delta.

Simon, Mark E., instr. voc. agr., high-sch., Bluffton, O.

Teach. voc. agr., Allen, O., 1920-3; Bluffton, 1924-. Sergeant Band, U. S. Army, 1917-9. —*b.* Wood Co., O., Nov. 11, 1893; *s.* John H. and Florence M. (Raub) S.; reared on farm; *m.* Myrtle A. May, Feb. 19, 1919; *c.* Florence E., Clara A. B.S.A., Ohio State Univ., 1920.

Simonds, Harold, co. agrl. agt., Pasco, Wash.

Fruit-grower, Wash. and Kans., 10 yrs.; ext. specialist hort., Kans. State Agr. Coll., 1918-9; present position, 1921-. (Hort.). —*b.* Milwaukee, Wis., Nov. 4, 1882; *s.* Chas. D. and Martha Boyd (MacNeill) S.; reared in city; *m.* Jessie S. Perry, Dec. 30, 1916; *c.* Harold Perry. B.S., Wash. State Coll., 1916. Alpha Tau Omega; Alpha Zeta.

Simonds, Ossian Cole, lands. gard., 1101 Buena Ave., Chicago, Ill.

In architects off., 2 yrs.; with Holabird, Simonds and Roche, Architects, 3 yrs. Pres. Amer. Assoc. Cemetery Supts., 2 yrs.; pres. Amer. Soc. Lands. Arch., 1 yr. Traveled in Europe. *Auth.*: Landscape Gardening, 1920. — *b.* Grand Rapids, Mich., Nov. 11, 1855; *s.* Joel A. and Harriet (Garfield) S.; reared on farm; *m.* Martha E. Rumsey, May 12, 1881; *c.* Gertrude E., Herbert Rumsey, Marshall Garfield, Donald Rumsey, Robt. Ossian. C.E., Univ. Mich., 1878. Delta Upsilon.

Simons, Lloyd Rhoderick, asst. co. agt. leader, Cornell Univ., Ithaca, N. Y.

Chg. agrl. dept., high-sch., Gowanda, N. Y., 1911-4; agrl. agt. Nassau Co., 1914-6; specialist co. ext. organization, U. S. Dept. Agr., 1916-20; present position, 1920-. —*b.* Sardinia, N. Y., Nov. 8, 1886; *s.* Julian S. and Alice A. (Bigelow) S.; reared on farm; *m.* Lucy Ada Phelps, Dec. 27, 1914; *c.* Howard Julian. B.S.A., Cornell Univ., 1911.

Simons, Perry T., assoc. drainage engin., U. S. Dept. Agr., McGehee, Ark.

Railroad engineering, 1903-15. Capt. Engin., U. S. Army, 1917. *Auth.*: (with D. G. Miller) Drainage in Michigan, 1918; (with F. V. King) Drainage and Overflow—Red River of the North, 1921. —*b.* near Fairmont, Ind., 1878; *s.* Wm. and Elizabeth (Stover) S.; reared on farm; *m.* Grace Hadley, 1910. B.S., Purdue Univ., 1904; C.E., 1924.

Simpson, Cecil Wayne, co. agrl. agt., Ridgway, Ill.

Farmer, Kalamazoo Co., Mich., 1915-8; asst. soil invests., Mich. Agr. Coll., 1918-20; agrl. agt. Gallatin Co., Ill., 1920-. —*b.* Hopkins Station, Mich., Feb. 10, 1890; *s.* Samuel and Nellie May (Wynne) S.; reared on farm; *m.* Julia Rosa Guthrie, June 15, 1915; *c.* Harriet May, Cecil W. Jr. B.S., Mich. Agr. Coll., 1915.

Simpson, Harry Herman, co. agrl. agt., Greeley, Colo.

With Bur. An. Ind., U. S. Dept. Agr., June-Dec., 1907; prof. an. husb., N. Mex. A. & M. Coll., 1907-14; agrl. agt. Boulder Co., Colo., 1914-9; ranch

manag., 1919-22; agrl. agt. Weed Co., 1922-. —*b.* Knoxville, Ia., Oct. 14, 1882; *s.* Geo. and Caroline (Miller) S.; reared on farm; *m.* Elizabeth Oliver, July 27, 1910; *c.* Stephen, Harry H., John Carl. B.S.A., Ia. State Coll., 1907. Delta Theta Sigma.

Simpson, John A., pres. Okla. Farmers Union, 1139 W. 12th St., Oklahoma City, Okla.

State accountant, Neb., 1897-1901; mem. Okla. Legislature, 1915-6. Mem. bd. dirs. Okla. Wheat Growers Assoc. *Ed.*, Oklahoma Union Farmer. —*b.* Salem, Neb., July 4, 1871; *s.* Wm. J. and Sarah C. (Cornell) S.; reared on farm; *m.* Millie Berlet, June 21, 1896; *c.* Wm., Ellen, Dorothy, Mildred, John, Irma. LL.B., Kans. Univ., 1896.

Simpson, Roger Lawton, teach. voc. agr. and princ. high-sch., Llano, Tex.

Head sci. dept., high-sch., Victoria, Tex., 1923-4; teach. voc. agr. and princ. high-sch., Madisonville, 1923-4; Llano, 1924-. Chief Yeoman, U. S. Navy, 1917-9. (Coop. marketing). —*b.* Dallas, Tex., July 6, 1898; *s.* Thos. M. and Clemence E. (Magnon) S.; reared on farm; *m.* Mary E. Hawkins, Aug. 11, 1924. B.S.A., Tex. A. & M. Coll., 1923.

Simpson, Warren W., teach. agr., high-sch., Fisher, Minn.

Teach. agr., high-sch., Lewiston, Minn., 1922-4; Fisher, 1924-. (Marketing live-stock). —*b.* Northfield, Minn., Nov. 10, 1897; *s.* John and Mary E. (Withers) S.; reared on farm; *m.* Evelyn Howland, July 1924. B.S., Univ. Minn., 1922. Alpha Zeta.

Simrall, Margaret Howard, home dem. agt., Liberty, Mo.

Teach. high-sch., Northfield, Mass., 1½ yrs.; home dem. agt., Greenfield, Mass. —*b.* Brooklyn, N. Y., Aug. 2, 1891; *d.* G. F. and Julia (Mason) Howard; reared in city; *m.* R. M. Simrall, June 7, 1924. B.S., Milwaukee-Downer Coll., 1914.

Sims, Almon J., agrl. ed. ext. serv., Univ. Tenn., Knoxville, Tenn.

Ed. and half owner Lawrence Democrat, Lawrenceburg, Tenn., 1915-6; on ed. staff Nashville Tennessean, 1917-9; present position, 1920-. Vice-pres. Amer. Assoc. of Agrl. Coll. Editors, 1922-3. —*b.* Waynesboro, Tenn., Aug. 12, 1892; *s.* M. J. and Cammille (Davis) S.; reared on farm; *m.* Sammie Clark, Apr. 11, 1917; *c.* A. J. Jr., Annie Fain, Wilbur. Special student Univ. Mo., 1914-5.

Sims, John W., co. agrl. agt., Caro, Mich.

Formerly teach. agr., high-sch., Hillsdale, Mich. —*b.* Adams Co., Ind., July 6, 1889; *s.* Jas. A. and Mary C. (Tyndall) S.; reared on farm; *m.* Jessie C. Brugger, 1915. B.S., Mich. Agr. Coll. Alpha Zeta.

Sims, Newell LeRoy, prof. sociol. and head dept., Oberlin Coll., Oberlin, O.

Ordained Christian minister, Aug. 1904; pastor rural church, Brown Co., O., 1903-5; Carthage, Mo., 1905-8; pastor, Cincinnati, O., 1909-10; pastor community church, Scarsdale, Westchester Co., N. Y., 1911-3; pastor Grandview Heights Congregational Church, Columbus, O., 1913-4; prof. sociol. and political sci., Univ. Fla., 1915-20; prof. rural sociol., Mass. Agr. Coll., 1920-4; prof. sociol., Columbia Univ., summer 1920; Penn. State Coll., summers, 1923-4; present position, 1924-. Adv. on rural organization, Gulf Div., Amer. Red Cross, 1919; mem. rural adv. com., Federal Council of Churches of Christ in Amer., 1922-. *Auth.*: A Hoosier Village, 1912; Ultimate Democracy and Its Making, 1917; The Rural Community, Ancient and Modern, 1920; Society and Its Surplus, 1924. (Rural sociol.). —*b.* Jamestown, Ind., Dec. 3, 1878; *s.* Chas. N. and Elizabeth (McClew) S.; reared on farm; *m.* Florence Anna McNutt. A.B., Tri State Coll., 1901; A.B., Univ. Ky., 1905; A.M., Columbia Univ., 1910; Ph.D., 1912; grad. Union Theol. Sem., 1912.

Sinclair, Roberta S., state home dem. leader, N. Mex. A. & M. Coll., State College, N. Mex.

Home dem. agt., Ariz., 1922-5; present position, 1925-. —*b.* Bisbee, Ariz.,

Aug. 17, 1898; *d.* J. F. and Grace B. S.; reared in town. B.S., Columbia Univ., 1921; M.A., 1922.

Sindecuse, Earl A., instr. agr. and princ. high-sch., Eaton Rapids, Mich.

Served in U. S. Army, 1917-9. —*b.* Jonesville, Mich., Dec. 14, 1896; *s.* Fred R. and Flora (Salway) S.; reared in city. B.S., Mich. Agr. Coll., 1923. Alpha Zeta; Alpha Gamma Rho.

Singleton, Gary Higgins, teach. voc. agr., high-sch., Chapel Hill, N. C.

Teach. agr., high-sch., Woodruff, S. C., 1919-20; bookkeeper and cotton grader, W. W. Holding, Wake Forest, N. C., 1920; teach. agr., high-sch., Macon, N. C., 1921-3; field asst., N. J. Exp. Sta., 1923-4; present position, 1924-. —*b.* Westminster, S. C., June 5, 1898; *s.* Geo. E. and Leila Victoria (Giles) S.; reared on farm; *m.* Ruth Geraldine Freeman, Aug. 23, 1924. B.S., Clemson Agr. Coll., 1919; M.S., Rutgers Coll., 1925.

Singleton, James Herbert, minister, Mahomet, Ill.

Pres. Ill. Conference Rural Assoc., Methodist Episcopal Church, 1919-; sec. Champaign-Danville Distr. Rural Assoc., 1923-5. (Rural church). —*b.* Loda, Ill., Oct. 8, 1879; *s.* Albert Parker and Celinda (McIntyre) S.; reared on farm; *m.* Mary Hull, July 3, 1917. B.S., Northwestern Univ., 1909; S.T.B., Garrett Biblical Inst., 1913.

Sink, Stanley Ben, farm manag. and realtor, Valparaiso, Ind.

Instr. agron., Univ. Me., 1915-7; asst. prof., 1917. *Auth.*: Laboratory Exercises in Soil Physics, 1917. *Ed.,* Porter Co. Farmers Assoc. News, 1918-20. —*b.* Wharton, O., Nov. 4, 1889; *s.* E. M. and Amelia (Pickett) S.; reared on farm; *m.* Mable Van Buren, Dec. 25, 1916. B.S.A., Ohio State Univ., 1915.

Sisler, Ray L., farmer, Grand Rapids, Minn.

Manag. dairy farm, Grand Rapids, Minn., 1914-8; formerly co. agrl. agt., Two Harbors, Minn. —*b.* Princeton, Ill., Aug. 16, 1890; *s.* Alvah Mason and Adelaide (Downing) S.; reared on farm; *m.* Bessie D. Kelly, Oct. 21, 1915; *c.* Lois, Robt., Helen. B.S., Univ. Minn., 1914. Alpha Zeta.

Sisson, George Wing Jr., farmer and paper manufacturer, Potsdam, N. Y.

Pres. Racquette River Paper Co., Potsdam; pres. Amer. Paper and Pulp Assoc., 1918-20. Pres. N. Y. State Breeders Assoc., 1908-11; pres. N. Y. State Agrl. Soc., 1911-3; pres. N. N. Y. Development League, 1916-9; vice-pres. Amer. Jersey Cattle Club; dir. Amer. For. Assoc., 1922-5; pres. Empire State For. Products Assoc. 1924-. —*b.* Glens Falls, N. Y., Sept. 12, 1862; *s.* Geo. W. and Sarah Ann (Hamilton) S.; reared in town and country; *m.* Mary Howes, Oct. 26, 1887; *c.* Marion G., Stanley H., Geo. W. Grad. Potsdam State Normal Sch., 1881.

Sisson, Septimus, prof. comp. anat., Ohio State Univ., Columbus, O.; Oct. 2, 1865-July 24, 1924. See Rus 1920.

Sjogren, Oscar Warner, prof. and chm. dept. agrl. engin., Univ. Neb., Lincoln, Neb.

Instr. forge work, Univ. Neb., 1909-12; instr. drainage and irrig., 1914-5; present position, 1915-. —*b.* Hildreth, Neb., Aug. 15, 1887; *s.* C. J. and Ida (Peterson) S.; reared on farm; *m.* Alfreda Engdahl, Sept. 1916; *c.* Eunice Lorene, Verner Engdahl, Claire Eugene. B.Sc. in A. E., Univ. Neb., 1915; A.E., Ia. State Coll., 1922. Sigma Xi; Gamma Sigma Delta; Alpha Zeta; Sigma Tau.

Skeels, Homer Collar, bot., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Identification econ. foreign seeds). —*b.* Grand Rapids, Mich., July 31, 1873; *s.* Dorr and Anna (Stilwell) S.; reared in city; *m.* Jennie Shaddick, July 31, 1901; *c.* Alice Anna. B.S., Mich. Agr. Coll., 1898.

Skelley, William Charles, asst. prof. an. husb., Rutgers Univ., New Brunswick, N. J.

b. Cleveland, O., Mar. 18, 1896; *s.* Jas. Robt. and Hariet (Baldwin) S.; reared on farm. B.S.A., Ohio State Univ., 1918; M.S., 1923. Delta Theta Sigma.

Skelton, Romie Lemuel, teach. voc. agr., high-sch., Elnora, Ind.

b. Tennyson, Ind., Feb. 23, 1900; *s.* Wm. and Sophronie (Bilderback) S.; reared on farm; *m.* Helen McEwen, Apr. 25, 1925. B.S.A., Purdue Univ., 1923. Kappa Delta Pi; Delta Alpha Pi.

Skidmore, Henry Marvin, superv. classes for teachers of agr., Univ. Calif., Berkeley, Calif.

Wheat farmer, E. Wash., 1895-1907; teach. and princ. public schs., 1909-13; in chg. training teachers of agr., Wash. State Coll., 1918-9; state superv. agrl. educ., Wash., 1918-20; fed. agt. agrl. educ., Fed. Bd. for Voc. Educ., 1920-4; present position, 1924-. —*b.* Hartsell, Ala., Jan. 11, 1880; *s.* Robt. A. and Susan E. (Lassiter) S.; reared on farm; *m.* Mary K. Emerson, June 17, 1911; *c.* Mary Elizabeth, Janet Anne. A.B., Wash. State Coll., 1917; B.S.A., 1918; M.S., 1921. Alpha Beta; Alpha Zeta; Delta Sigma Rho; Phi Kappa Phi; Phi Delta Kappa.

Skillman, Willis Rowland, state superv. agrl. educ., Dept. Public Instr., Harrisburg, Pa.

Superv. agr., Honey Brook Voc. Sch., Pa., 1916-7; dir. and superv. agr., Centerville Voc. Sch., W. Brownsville, Pa., 1919-20; co. superv. voc. agr., Cumberland Co., Pa., 1920-4; present position, 1924-. Served in U. S. Army, 1917-9. *Auth.*: "The A. E. F.", 1920. —*b.* Philadelphia, Pa., July 10, 1891; *s.* Willis B. and Annie (Gayley) S.; reared in city and country. B.S., Penn. State Coll., 1916. Alpha Zeta; Delta Sigma Rho.

Skinner, Arthur Guy, asst. prof. an. husb., Conn. Agr. Coll., Storrs, Conn.

Co. agrl. agt., R. I., 1917; present position, 1917-. —*b.* St. Marys, Ont., Feb. 21, 1889; *s.* Wm. and Helen (MacDonald) S.; reared on farm; *m.* Anna Mary Wallace, Mar. 23, 1921; *c.* Barbara Helen. B.S.A., Ont. Agr. Coll., 1917.

Skinner, Charles Wendell, teach. voc. agr., high-sch., Riverton, Wyo.

In automobile business, 1920-1; saw mill, 1921-2. (Sheep, wool). —*b.* Big Horn, Wyo., July 22, 1896; *s.* Chas. W. and Alice (Hays) S.; reared on ranch. B.S.A., Univ. Wyo., 1917. Sigma Alpha Epsilon.

Skinner, Edna L., prof. and dir. home econ., Mass. Agr. Coll., Amherst, Mass.

Instr., Teach. Coll., Columbia Univ., 1908-12; dir. household sci., Jas. Milliken Univ., Decatur, Ill., 1912-7; instr., Univ. Calif., summer 1915-6; present position, 1919-. —*b.* Kalamazoo, Mich.; *d.* Jarvis H. and Annette (Hackley) S.; reared on farm. B.S., Columbia Univ., 1908.

Skinner, Frank Leith, farmer, Dropmore, Man.

Dir. Man. Hort. and For. Assoc. (Plant-breeding, especially roses). —*b.* Aberdeenshire, Scotland, May 5, 1882; *s.* John and Isabella (Scott) S.; reared in town and on farm.

Skinner, Gerald Roscoe, co. agrl. agt., Columbia, Mo.

Farm manag. Golden Valley Dairy, Kansas City, Mo., 1916; dairy specialist, U. S. Dept. Agr., 1919; assoc. prof. dairy husb., Univ. Ga., 1919-20; agrl. agt. St. Louis Co., 1920-3; fruit-grower, Mo., 1923-4; agrl. agt. Boone Co., 1924-. Sergeant Q. M. C., U. S. Army, 1917-9. (Dairying, hort.). —*b.* Bethany, Mo., Sept. 23, 1893; *s.* Edgar and Nellie (Dodd) S.; reared on farm and in town; *m.* Mary Louise Fredrich. Dec. 20, 1919. B.S.A., Univ. Mo., 1915.

Skinner, John Harrison, dean Sch. Agr. and chief an. husb, Purdue Univ., LaFayette, Ind.

Farm manag., 1897-9; asst. agrst., Purdue Exp. Sta., 1899-1901; instr., Univ. Ill., 1901-2; head dept. an. husb., Purdue Univ., 1902-7; dean Sch. Agr., 1907-. —*b.* Romney, Ind., Mar. 10, 1874; *s.* Wm. H. and Mary (Alexander) S.; reared on farm; *m.* Mary Edna Throckmorton, Sept. 3, 1903; *c.* John H. Jr., Mary E., Wm. E., Robt. E. B.S.A., Purdue Univ., 1897. Sigma Xi.

Skinner, Joshua John, biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Biochem., Bur. Soils, U. S. Dept. Agr., 1904-13; Bur. Plant Ind., 1914-. —*b.* Hertford, N. C., June 30, 1882; *s.* Joshua and Sallie (Skinner) S.; reared on farm; *m.* Zula Hopkins, June 1, 1911; *c.* Joshua Hopkins, Frank Brightwell. B.S., Univ. N. C., 1903; M.S., 1904; Ph.D., American Univ., 1917.

Skinner, Lewellyn Terry, adminis. asst., S. D. State Coll., Brookings, S. D.

Asst. state leader boys and girls club work, Univ. Neb., 1914-6; state club leader, 1916-7; sec. ext. serv., 1917-24; present position, 1924-. —*b.* Warrentown, Va., Feb. 26, 1886; *s.* John Thos. and Lucelia (Francis) S.; reared on farm and in town; *m.* Winnifred Bennison, Feb. 10, 1916; *c.* Barbara Belle, Harold B. B.Sc., Univ. Neb., 1914. Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Skrivseth, Clarence J., traveler for Amer. Agrl. Chem. Co., Carlton, Minn.

Formerly dir. and instr. agr., high-sch., Eveleth, Minn.; co. agrl. agt., Carlton. In U. S. Army, 18 mos.; served with A. E. F. (Agron., farm manag.). —*b.* Buxton, N. D., Mar. 11, 1891; *s.* Thore L. and Anna (Sletmoen) S.; reared on farm; *m.* Esther M. Tennstrom, Oct. 8, 1919. B.S., Univ. Minn., 1906. Alpha Gamma Rho; Gamma Sigma Delta.

Slack, Clarence Merle, co. agrl. agt., Ft. Edward, N. Y.

2d Lieut. Inf., U. S. Army, 1917-9. —*b.* Black River, N. Y., Oct. 3, 1894; *s.* Wm. A. and Hattie E. (Smith) S.; reared on farm; *m.* Alda Deibler, June 20, 1917; *c.* Clarence Jr., Eleanor L., Wm. A., Miriam D. B.S., Cornell Univ., 1916. Theta Alpha.

Slade, D. D., proprietor Kentucky Hatchery, 331 W. 4th St., Lexington, Ky.

General farmer, 1902-10; poultry farmer, 1910-2; specialist in poultry ext., Univ. Ky., 1912-21. —*b.* Lexington, Ky., June 18, 1879; *s.* Jas. T. and Bettie H. (Newberry) S.; reared in city; *m.* Sarah Hulett, Feb. 24, 1902. Grad. Univ. Ky., 1899.

Sladen, F. W. L., apiarist, Dominion Expl. Farms, Ottawa, Ont.; May 30, 1876-1921. See Rus 1920.

Slagg, Charles Mervyn, chief tobacco div., Dominion of Canada Dept. Agr., Ottawa, Ont.

Asst. Off. Tobacco Invests., U. S. Dept. Agr., 1917-20; asst. path., 1921-3; path. in chg. Conn. Tobacco Sta., 1923-4; present position, 1924-. Res. dir. and sec., Conn. Valley Tobacco Improvement Assoc., 1923-4. —*b.* Albion, Wis., Dec. 14, 1890; *s.* Chas. Parker and Bonnibel (Roberts) S.; reared on farm; *m.* Ruth Cheek, May 6, 1916 (d. 1918); 2d, Winnifred Neusbaum, June 23, 1921; *c.* Ruth Arline. B.S., Univ. Wis., 1917; M.S., 1919. Sigma Xi.

Slate, William L. Jr., dir. Conn. Agr. Exp. Sta., New Haven, and Storrs Agr. Exp. Sta., Storrs, Conn.

Asst. agron., N. H. Exp. Sta., 1909-11; assoc. prof. agron., Univ. Me., 1911-3; prof. agron. and agron. Exp. Sta., Conn. Agr. Coll., 1913-23; present position, 1923-. Pres. New England sect., Amer. Soc. Agron. Fellow A. A. A. S. —*b.* Norwalk, O., Jan. 15, 1884; *s.* Wm. L. and Orpha F. (Norris) S.; reared on farm; *m.* Edna E. Jackson, June 16, 1915. B.S.A., Ohio State Univ., 1909. Alpha Gamma Rho.

Slater, Arthur Henry, teach. agr., Jefferson Jr. High-Sch., Long Beach, Calif.

Mem. Public Liability Comn. Served in U. S. Army, World War. (Agrl. econ.). —*b.* Cleveland, O., Aug. 3, 1896; *s.* Wm. and Lena (Schneider) Schleter; reared in town. B.S., Univ. Calif., 1922.

Slater, Fred J., farmer, Charlotte Sta., Rochester, N. Y.

Lawyer, New York, N. Y., 1911-2; instr. Dept. Correction, 1915-6. Mem. N. Y. State Assembly, 1925. Pres. Monroe Co. Farm Bur., 1924. —*b.* Rochester, N. Y., June 26, 1885; *s.* John and Mary (McShea) S.; reared on farm; *m.* Agnes Mulligan, Nov. 27, 1920; *c.* John Fiske. Ph.B., Univ. Rochester, 1906; Juris Doctor, Univ. Mich., 1911.

Slaughter, John Marion, farmer, Grandview, Mo.

Farmer, Mo., 1912-7; emergency co. agt., 1917; agt. Buchanan Co., 1918-22. Sergeant U. S. Army, 5 mos. (Dairy husb.). —*b.* Raytown, Mo., July 2, 1890; *s.* O. V. and Elizabeth M. (Havron) S.; reared on farm; *m.* Lora Lucile Scott, Sept. 20, 1919. Grad. Univ. Mo., 1912. Delta Theta Sigma.

Slauson, Edward Marvin, dairy farmer, Williamsburg, Va.

Dairy farmer, Ia., 7 yrs., Va., 20 yrs. Manag. Va. Peninsula Produce Exchange, 1911-4; manag. and sec., Williamsburg Coop. Creamery, 1911-7; co. agrl. agt., 1910-22. —*b.* Hopkinton, Ia., May 25, 1872; *s.* F. D. and Alice S.; reared on farm; *m.* Lura Littlefield, Dec., 1896; *c.* Jesse F., Donald D., Vernon H., Lela Blanch. Student Lenox Coll., Hopkinton, Ia., 2 yrs.

Sleeth, Earle Campbell, co. agrl. agt., Jefferson, O.

Instr. agr. and sci., Stanton Coll., Stanton, Ky., 1914-5; instr. agrl. chem. and soils, Ohio State Univ., 1915-7; co. agt., 1917-. —*b.* Cairo, W. Va., Sept. 5, 1881; *s.* David M. and Mattie J. (Newlin) S.; reared in town and on farm; *m.* Anna McKirahan, June 24, 1908. B.S.A., Univ. Neb., 1914; M.S., Ohio State Univ., 1917. Alpha Zeta.

Slipher, John App, asst. prof. soils ext., Ohio State Univ., Columbus, O.

Instr. soils, Purdue Univ., 1914-6; asst. prof., 1917-20; field sci. soil survey, U. S. Dept. Agr., 1919; assoc. manag. agrl. dept., Nat. Lime Assoc., 1920; manag., 1921; soil tech., 1922-3; present position, 1923-. *Co.-auth.*: Laboratory Manual of Soil Physics, 1916. —*b.* Mulberry, Ind., Jan. 8, 1891; *s.* David Clark and Hannah S. (App) S.; reared on farm; *m.* Marjorie A. Garber, 1914; *c.* Elizabeth, Stephen. B.S.A., Ohio State Univ., 1914.

Sloan, David Kinney, co. agrl. agt., Towanda, Pa.

b. Orangeville, Pa., Dec. 10, 1887; *s.* E. H. and Gertrude (White) S.; reared on farm; *m.* Irene Ikeler, Oct. 4, 1911; *c.* 1 son, 1 daughter. B.S.A., Penn. State Coll., 1910. Alpha Zeta.

Sloan, Robert Lee, co. agrl. agt., Morganton, N. C.

Asst. dir. farmers insts., N. C. Dept. Agr., 1914-5; princ. Bienville Parish Agrl. Sch., 1916; agrl. agt. Grant Parish, La., 1917-22; Burke Co., N. C., 1923-. —*b.* Charlotte, N. C., Mar. 29, 1889; *s.* H. Lawrence and Katherine L. (Morris) S.; reared on farm; *m.* Elizabeth Sharpe, Dec. 24, 1918. B.S., N. C. A. & M. Coll., 1913.

Slocum, Burl A., ext. specialist apiculture and state bee insp., Wash. State Coll., Pullman, Wash.

Served in U. S. Army, 1917-9. —*b.* Davenport, Ia., Dec. 13, 1895; *s.* Alvah W. and Ada M. (Callaway) S.; reared in city and on farm; *m.* Esther I. Potts, July 3, 1922. B.S., Univ. Wis., 1921.

Slocum, George Warren, farmer, pres. Dairymens League Coop. Assoc., Inc., 120 W. 42nd St., New York, N. Y.

Dir. Dairymens League, 1918-; pres., 1920-. —*b.* Kings Ferry, N. Y., Mar. 28, 1881; *s.* Arthur E. and Mary (Brown) S.; reared on farm; *m.* Kate W. Schreyer, Oct. 12, 1905; *c.* Charlotte W., Arthur F. B.S., Cornell Univ., 1902. Phi Gamma Delta.

Slocum, Rob Roy. marketing specialist, Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Dir. Amer. Assoc. Instrs. and Invests. in Poultry Husb. *Co-auth.*: The Mating and Breeding of Poultry, 1920; Turkey Raising, 1922; Ducks and Geese, 1922. —*b.* King Ferry, N. Y., Nov. 28, 1883; *s.* B. F. and Catherine A. (Young) S.; reared on farm and in town; *m.* Mabel Susan Harbaugh, Apr. 9, 1921. B.S.A., Cornell Univ., 1906.

Slocum, Sylvia H., distr. home dem. agt., 3213 Second Ave., Richmond, Va.

Teach. country schs., 1908-13; home dem. agt. Henrico Co., Va., 1913-21; distr. home dem. agt., E. Va., 1921-. —*b.* Eaton Co., Mich., Sept. 13, 1887; *d.* Chas. A. and Cornelia (Soper) S.; reared on farm. Grad. Mich. State Normal Coll., Ypsilanti, 1907; student Univ. Va., Geo. Peabody Coll.

Slosson, Clarence, instr. voc. agr., high-sch., Valparaiso, Neb.

b. Palmyra, Neb., Sept. 1, 1896; *s.* Washington C. and Minnie A. (Lanning) S.; reared on farm. B.Sc., Univ. Neb. Gamma Sigma Delta.

Small, Carl Moses, teach. agr., Lewis High-Sch., Southington, Conn.

b. Haverhill, Mass., May 8, 1897; *s.* Warren M. and Elizabeth (Gile) S.; reared on farm; *m.* Elsie A. Jacobson, Aug. 8, 1923. B.S., Conn. Agr. Coll., 1922.

Small, Ervin Leslie, prof. rural sci., N. Normal and Ind. Sch., Aberdeen, S. D.

Teach. rural schs., 1909-12; field agt., Ont. Dept. Educ., 1912-6; distr. superv. agrl. instr., B. C. Dept. Educ., 1916-23; present position, 1923-. —*b.* Wallacetown, Ont., Aug. 11, 1889; *s.* Edward and Mary Jane (Sprague) S.; reared on farm; *m.* Laura Viola Gowan, 1917; *c.* Gertrude Eilleen, Mildred Alma. B.S.A., Univ. Toronto, 1916.

Smarr, William Logan, co. agrl. agt., Marion, N. C.

Chg. agrl. dept., high-sch., Olla, La., 1913-5; agt. Lincoln Co., N. C., 1915-22; McDowell Co., 1922-. —*b.* Sharon, S. C., Aug. 16, 1889; *s.* W. T. and Annie (Gilmore) S.; reared on farm; *m.* Hazelle Beam, Dec. 27, 1916; *c.* Sarah Hope. B.S., Clemson Agr. Coll., 1913.

Smith, Albert Edward, co. agrl. agt., Nephi, Utah.

b. Manassa, Colo., Oct. 24, 1886; *s.* Albert R. and Irene U. (Haskell) S.; reared on farm; *m.* Minnie J. DePriest, Oct. 3, 1907. B.S., Utah Agr. Coll., 1918.

Smith, Alfred, asst. prof. soil tech., Univ. Calif., Berkeley, Calif.

Instr. chem., Wittenberg Coll., 1908-9; instr. chem. and geol., Pomona Coll., 1912-4; present position, 1914-. —*b.* Hazleton, Pa., Jan. 4, 1888; *s.* John and Mary Katherine (Rosenstock) S.; reared in country town; *m.* Bessie Mildred Archibald, Sept. 9, 1914. B.A., Wittenberg Coll., 1907; M.A., 1910. Sigma Xi; Sigma Phi Epsilon; Alpha Zeta.

Smith, Alfred Glaze, farmer and writer, Columbia, S. C.

Manag. grain and live-stock farm, 1906-9; cotton and peach grower, S. C., 1910-; state leader co. agts., Ill., 1913-4; with U. S. Dept. Agr., 1909-19. Sec. S. C. Sweet Potato Assoc., 1921-2; pres. S. C. Peach Growers Assoc., 1924-. —*b.* Danville, Ill., Jan. 23, 1881; *s.* John Eli and Mary Ellen (Firebaugh) S.; reared on farm; *m.* Lucy Prutsman, Sept. 11, 1907; *c.* Alfred G. Jr. B.S., Univ. Ill., 1906. Alpha Zeta.

Smith, Archibald Gray Jr., asst, prof. veg.-gard. and specialist ext., Va. Poly. Inst., Blacksburg, Va.

Asst. sec. T. S. Beckwith Co., Petersburg, Va., 1907-10; asst. manag. A. G. Smith & Sons, 1910-4; instr. hort., Va. Poly. Inst., 1918-9; specialist veg.-gard., Miss. A. & M. Coll., 1920-1; present position, 1921-. Mem. Va. Agrl. Council; sec. Va. Truck Crop Com. (Culture double violets, potatoes). —*b.* Petersburg, Va., May 7, 1890; *s.* Archibald Gray and Mary Annette (Butterworth) S.; reared on farm; *m.* Mary E. Johnston, Feb. 17, 1922; *c.* Margaret Annette. B.S., Va. Poly. Inst., 1918.

Smith, Arnold Z., co. agrl. agt., 202 Federal Bldg., Everett, Wash.

Farmer, Pullman, Wash., 1914-6; asst. prof., N. Mex. A. & M. Coll., 1916-8; agrl. agt. Eddy Co., N. Mex., 1918-20; agrl. agt. Santa Cruz Co., Ariz., 1921-2; Snohomish Co., Wash., 1922-. —*b.* Pullman, Wash., May 11, 1892; *s.* J. H. T. and Martha (Harrison) S.; reared on farm; *m.* Florence Owen, 1918. B.S., Wash. State Coll., 1914.

Smith, Arthur Bourne, librarian, Kans. State Agr. Coll., Manhattan, Kans.

Ed. Cumulative Book Index and Readers Guide to Periodical Literature, H. W. Wilson Co., Minneapolis, 1902; head order dept., Univ. Calif. Library, 1902-11; present position, 1911-. —*b.* Elizabeth City, N. C., Aug. 2, 1873; *s.* Chas. Wesley and Hester (Bourne) S.; reared in country and city; *m.* Mary

Adda Read, Oct. 26, 1902; *c.* Hester Elizabeth, Elgene Arthur, Russell Richard. Ph.B., Wesleyan Univ., Middletown, Conn., 1900; B.L.S., Univ. Ill., 1902. Delta Tau Delta.

Smith, Arthur Carlton, prof. poultry husb., Univ. Minn., University Farm, St. Paul, Minn.

Supt. Grove Hill poultry yards, Waltham, Mass., 1894-1902, 1904-12; supt. poultry and pet stock, Dreamwood, 1902-4. Mem. com. on standards, Amer. Poultry Assoc., 13 yrs. *Assoc. ed.*, Farm Poultry, 2 yrs.; Poultry Herald, 2 yrs. —*b.* Athol, Mass., Aug. 26, 1867; *s.* Dwight and Bianca (Norcross) S.; reared on farm and in city; *m.* Elizabeth Page, Sept. 2, 1902. S.B., Mass. Inst. Tech., 1892.

Smith, Arthur Hastings, co. agrl. agt., Woodsfield, O.

Teach. rural sch., 1918-9; princ. high-sch., 1922-3; agrl. agt. Monroe Co., O., 1923-. —*b.* Harrison Co., O., Aug. 5, 1898; *s.* F. M. and Violet (Hastings) S.; reared on farm; *m.* Virginia Birney, Sept. 2, 1922; *c.* J. Birney. B.S.A., Ohio State Univ., 1922. Alpha Zeta.

Smith, Carl Albert, manag. northern distr., New England Milk Producers Assoc., Lawrence, Mass.

Agron., T. N. Vail Agr. Sch., 1916-7; co. agt., Manchester, N. H., 1917-9. —*b.* Lyndon, Vt., Nov. 6, 1887; *s.* Fred D. and Cora E. (Gorham) S.; reared on farm; *m.* Inez W. Vaughan, May 27, 1909; *c.* Evelyn Mildred. B.S., Mich. Agr. Coll., 1916.

Smith, Charles Egan, asst. ent., Bur. Ent., U. S. Dept. Agr., La. Exp. Sta., Baton Rouge, La.

b. Union Parish, La., Sept. 10, 1887; *s.* John Simon and Jimmie Willie (Cargile) S.; reared on farm; *m.* Geneva Barham. B.S., M.S., La. State Univ. Alpha Zeta.

Smith, Charles Galloway, teach. voc. agr., high-sch., Byrdstown, Tenn.

Vanderbilt Univ., 1912-4; teach. voc. agr., high-sch., Grove, Paris, Tenn., 1920-4; present position, 1924-. —*b.* Corinth, Miss., Jan. 7, 1887; *s.* Wm. Ira and Esther Jane (Lynch) S.; reared on farm; *m.* Maude Elizabeth Wiggs, May 24, 1914. B.S., Miss. A. & M. Coll., 1908.

Smith, Charles Theodore, nurseryman, banker, farmer, Concord, Ga.

Pres. and business manag. Smith Bros. Nursery Co.; pres. Concord Banking Co., 1903-. Pres. Country Bankers Assoc., 1917-8; ex-pres. S. Nurserymens Assoc.; ex-sec. Ga. Hort. Soc. —*b.* Wildwood, Ga., June 12, 1865; *s.* Philip and Mary (Basden) S.; reared on farm; *m.* Effie Richter, Dec. 1, 1892; *c.* Chas. Richter.

Smith, Chauncey William, assoc. prof. agrl. engin., Univ. Neb., Lincoln, Neb.

b. Colfax Co., Neb., Sept. 8, 1886; *s.* Jason S. and Mae (Draper) S.; reared on farm; *m.* Emma Falter, June 8, 1915; *c.* Roger Falter, Richard Draper. B.Sc., Univ. Neb. Alpha Zeta; Gamma Sigma Delta.

Smith, Clarence Beaman, chief Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Princ. schs., Lawton, Mich., 1895-6; with U. S. Dept. Agr., 1896-. *Ed.*, Experiment Station Record, 1897-1907. *Auth.*: (with E. V. Wilcox) Farmer's Cyclopedia of Agriculture, 1904; Farmer's Cyclopedia of Live-Stock, 1907. —*b.* Howardsville, Mich., Sept. 21, 1870; *s.* Alonzo and Harriett E. (Maybee) S.; reared on farm; *m.* Lottie Lee Smith, Oct. 2, 1901; *c.* Herbert, Beaman, Helen, Roger, Huron, June. B.S., Mich. Agr. Coll., 1894; M.S., 1895; D.Sc., 1917.

Smith, Claude Carlisle, co. agrl. agt., Rosedale, Miss.

b. Iuka, Miss., Oct. 8, 1896; *s.* S. J. and Carrie (Bishop) S.; reared on farm. B.S., Miss. A. & M. Coll., 1917.

Smith, Clayton O., res. assoc. in plant path., Citrus Exp. Sta., Riverside, Calif.

Teach. public schs., 1899-1900; asst. bot., Cornell Univ., 1900-2; asst. bot., Del. Coll., 1903-4; instr., 1904-5; asst. plant path., Univ. Calif., 1905-6; instr. plant path., S. Calif. Path. Lab., 1906-

17; present position, 1917-. —*b.* Willsboro, N. Y., July 18, 1871; *s.* Orville A. and Mattie (Hawley) S.; reared on farm; *m.* Ada Garlick, Sept. 1907; *c.* Robt., Donald, Allen, Kathryn, Martha. B.S., Middlebury Coll., 1899; A.M., Cornell Univ., 1902.

Smith, DeAlton, instr. agr., high-sch., Moravia, N. Y.

Present position, 1921-. Served in Inf., U. S. Army, 1918-9. —*b.* E. Syracuse, N. Y., Dec. 11, 1898; *s.* Andrew B. and Addie (Schuyler) S.; reared on farm; *m.* Louisa K. Bolster, July 2, 1924. B.S.A., Syracuse Univ., 1921. Sigma Chi.

Smith, Earl R., farmer, Kasoag, N. Y.

Seed potato grower, 10 yrs. Pres. N. Y. State Potato Assoc.; sec. Kasoag Potato Assoc. (Potato specialist). —*b.* Parish, N. Y., May 12, 1886; *s.* Alfred C. and Zadie C. (Jewell) S.; reared on farm; *m.* Isabelle Esther Beck, May 13, 1905; *c.* Lynn Wallis. Grad. Albany Business Coll., 1904.

Smith, Earl W., co. agrl. agt., Muskogee, Okla.

Official cow tester, dairy dept., Ohio State Univ., 1917; agrl. agt. Pulaski Co., Ark., 1918-20; Benton Co., 1920-4; Muskogee Co., Okla., 1924-. —*b.* Lead Hill, Ark., May 4, 1892; *s.* Josephus Woodley and Malinda A. (Dowell) S.; reared on farm; *m.* Helen Stewart Brown, Sept. 23, 1919; *c.* June. B.S.A., Univ. Ark., 1916.

Smith, Edwin, asst. chief business specialist, Foreign Marketing Div., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C. and Marseilles, France.

Canadian and U. S. fruit transportation and storage invests., 1912-20; commercial fruit shipping and exporting, 1920-4. In U. S. Navy, 1918-9. —*b.* Lodi, N. Y., Nov. 27, 1888; *s.* Clarence F. and Laura (Swarthout) S.; reared on farm. B.S., Mich. Agr. Coll., 1912. Alpha Zeta.

Smith, Edwin Potter, farmer, Sherburne, N. Y.

Farm manag., 1912-5; co. agrl. agt., Chenango Co., N. Y., 1915-9; farmer and breeder of Holstein-Friesian cattle, 1919-. —*b.* Newark Valley, N. Y., Oct. 10, 1887; *s.* Jabez Collins and Belle (Donley) S.; reared on farm; *m.* Gertrude Irene Howard, June 27, 1918. B.S., Univ. Rochester, 1910; B.S.A., Cornell Univ., 1912. Alpha Gamma Rho.

Smith, Elizabeth Hight, asst. prof. plant path., Univ. Calif., Berkeley, Calif.

Present position, 1905-. —*b.* Brookline, Mass., Jan. 12, 1877; *d.* Francis Obed and Emily Margaret (Simpson) S. A.B., Smith Coll., 1900; M.S., Mass. Agr. Coll., 1905.

Smith, Elmer D., florist, Adrian, Mich.

Auth.: Smith's Chrysanthemum Manual. (Chrysanthemums). —*b.* Detroit, Mich., Nov. 20, 1854; *s.* Nathan and Helen A. (Green) S.; reared in city; *m.* Carrie L. Bailey, Nov. 30, 1886.

Smith, Elvira Thrall, assoc. prof. home econ., N. D. Agr. Coll., Agricultural College, N. D.

Instr. Lutherville Coll., Md., 1913-4; instr. home econ., high-sch., Stoughton, Wis., 1915-8; Kans. State Agr. Coll., 1918-9; Drexel Inst., 1919-23; asst. to assoc. prof., N. D. Agr. Coll., 1923-. Traveled in Europe, 1908. —*b.* Westerville, O., 1889; *d.* Emery J. and Hannah Jane (Hardy) S.; reared in city. B.A., Ohio State Univ., 1912; B.S., 1913; M.A., Columbia Univ., 1920. Delta Gamma.

Smith, Erwin Frink, in chg. Lab. Plant Path., U. S. Dept. Agr., Washington, D. C.

Sch. teach., 2 yrs.; prison guard and keeper, 2 yrs.; clerk and weather recorder, Mich. State Bd. Health, 2 yrs.; with U. S. Dept. Agr., 1886-. Del. Royal Hort. Soc. Conference on Genetics, London, 1906; 1st Intern. Congress Comp. Path., Paris, 1912; 17th Intern. Congress Med., London, 1913. Ex-pres. Soc. Plant Morphology and Physiology, 1902; Sect. G, A. A. A. S., 1906; Soc. Amer. Bact., 1906; Bot. Soc. Amer., 1910; Amer. Phytopath. Soc., 1916. Mem. Nat. Acad. Sci.; Amer. Philo-

sophical Soc.; Amer. Acad. Arts and Sci.; certificate of honor, Amer. Med. Assoc., 1913, for discovery of cancer in plants. *Auth.*: Bacteria in Relation to Plant Diseases, Vol. 1, 1905, Vol. 11, 1911, Vol. III, 1914; Pasteur: The History of a Mind, a translation from the French (with Florence Hedges); Bacterial Diseases of Plants, 1920. —*b.* Gilbert Mills, N. Y., Jan. 21, 1854; *s.* Rancellor King and Louisa (Frink) S.; reared in village and on farm; *m.* Charlotte May Buffett, Apr. 13, 1893; 2d, Ruth Annette Warren, Feb. 21, 1914. B.S., Univ. Mich., 1886; Sc.D., 1889; Sc.D., Univ. Wis., 1914. Phi Delta Theta.

Smith, Estelle Tomlinson, distr. home dem. agt., Goldsboro, N. C.

Teach., Wayne Co., N. C., 2 yrs.; graded sch., Greensboro, 3 yrs. Pres. Goldsboro Woman's Club, 2 yrs. —*b.* Archdale, N. C., Oct. 6, 1881; *d.* Wm. Sidney and Sue (Vail) Tomlinson; reared in town; *m.* Herman C. Smith, Mar. 2, 1907; *c.* Chas. Egbert. Grad. Normal Sch., Asheville, N. C.

Smith, Eva Floy, ext. nutr. specialist, Colo. Agr. Coll., Fort Collins, Colo.

Asst. co. ext. agt., 1922-3; asst. home econ. specialist, Colo. Agr. Coll., 1923-4; present position, 1924-. —*b.* Cestos, Okla., May 12, 1900; *d.* Samuel T. and Lillie May (Ausman) S.; reared in town. B.S., Colo. Agr. Coll., 1922. Pi Kappa Delta; Omicron Nu; Alpha Phi Epsilon.

Smith, Francis C., co. agrl. agt., Westport, N. Y.

Specialist in farm crops, Cornell Univ., 1918-20. —*b.* Orange City, Ia., Oct. 22, 1886; *s.* Chauncey O. and Hattie (Squires) S.; reared on farm; *m.* Beatrice Tryon, 1919; *c.* Theodore T., Frances B. B.S., Cornell Univ., 1913.

Smith, Frank A. Cushing, lands. arch., 166 W. Jackson Blvd., Chicago, Ill.

Instr. lands. design, Univ. Ill., 1913-6; asst. prof. rural civic improvement, Mass. Agr. Coll., 1916-7. Received medal and honorable mention, Intern. Competition Replanning of Dublin, Ireland, 1914. Lieut. Air. Serv., U. S. Army, 1918-9. (Town and country planning). —*b.* Wauwatosa, Wis., Apr. 22, 1887; *s.* Albert Wm. and Mary (Cushing) S.; reared in city; *m.* Helen Marie Hanson, Sept. 12, 1917. B.S., Cornell Univ., 1912; M.L.A., Harvard Univ., 1914.

Smith, Frank Marks, farmer, Springfield Center, N. Y.

Breeder pure-bred Guernseys. Vice-pres. Canajoharie Nat. Bank, Cooperstown Nat. Bank. Pres. N. Y. State Breeders Assoc., 1917, sec., 1918; dir. N. Y. State Fed. Farm Burs., 1919-20. —*b.* Springfield, N. Y., July 28, 1883; *s.* Andrew R. and Mary (Marks) S.; reared on farm; *m.* Mabel Williams, Sept. 2, 1907; *c.* Andrew R., Thos. W. LL.B., Albany Law Coll., 1905.

Smith, Franklin Huston, teach. voc. agr., high-sch., Chinook, Mont.

Dir. Blaine Co. Farm Bur. Sergeant Field Art., U. S. Army, 1917-9; served in A. E. F. —*b.* Bloomington, Ind., Apr. 17, 1894; *s.* Harry Moore and Olla (Huston) S.; reared in town and on farm. Student Oberlin Coll., 1915-7; B.S., Mont. State Coll., 1922; Cornell Univ., 1923. Alpha Zeta; Phi Kappa Phi; Phi Alpha Tau.

Smith, Fred A., dir. Essex Co. Agrl. Sch., Hathorne, Mass.

Market-gardener and florist, 1893-1902; park supt., Hopedale, Mass., 1902-3; supt. Turner Hill Farm, Ipswich, 1903-13; present position, 1913-. Sec. Essex Agrl. Soc., 1911-4. —*b.* Lynn, Mass., June 6, 1871; *s.* Henry H. and Emma J. (Keen) S.; reared on farm; *m.* Frances M. Knowland, July 10, 1899; *c.* Helen F., Mildred E., Harold K. B.S., Mass. Agr. Coll., 1893.

Smith, George Alfred, distr. agrl. agt., College Station, Tex.; Oct. 13, 1862-July 14, 1921. See Rus 1920.

Smith, George Alonzo, dairy expert, N. Y. State Exp. Sta., Geneva, N. Y.; Sept. 29, 1842-Apr. 17, 1924. See Rus 1920.

Smith, George Edward, instr. voc. agr., high-sch., Robinson, Ill.

Asst. crop prod., Univ. Ill., 1920-2; present position, 1922-. Master Robinson Grange. Served in U. S. Navy, 1918-9. (Agron.). —*b.* Topeka, Ill., Aug. 20, 1897; *s.* J. S. and Nellie M. (Meldrum) S.; reared in town and on farm; *m.* Louise Weinland, 1920; *c.* Geo. Edward Jr. B.S., Univ. Ill., 1921.

Smith, George E. P., prof. irrig. engin., Univ. Ariz., Tucson, Ariz.

Instr. civil engin., Univ. Vt., 1897-1900; prof. civil engin., Univ. Ariz., 1900-6; prof. irrig. engin. and irrig. engin., Exp. Sta., 1906-. Studied irrigation in Italy, 1910. (Groundwaters and their utilization). —*b.* Lyndonville, Vt., Dec. 29, 1873; *s.* Franklin Horatio and Hattie L. (Powers) S.; reared in town; *m.* Maude North, Oct. 1, 1904; *c.* Geo. E. P. Jr. B.S. in C.E., Univ. Vt., 1897; C.E., 1899; res. study, Univ. Wis., 1910-1. Phi Beta Kappa; Kappa Sigma; Phi Kappa Phi.

Smith, George Robarge, co. agrl. agt., Longmont, Colo.

Ent. for govt. of Argentina, 2½ yrs. —*b.* Auburn, N. Y., Mar. 16, 1883; *s.* Joseph and Julia (Robarge) S.; reared in farm and town; *m.* E. Bula Herschler, Apr. 4, 1917. B.S., Colo. Agr. Coll., 1912. Alpha Zeta.

Smith, George Watson, teach. voc. agr., Bethel Hill High-Sch., Woodsdale, N. C.

Princ. Lebanon High-Sch., Anderson, S. C., 1919-20; asst. prof. agr., Winthrop Normal and Ind. Coll., 1920-2; princ. Manning Farm Life Sch., Williamston, N. C., 1922-4; present position, 1924-. In Dupont's ammunition plant, 1918. —*b.* Townville, S. C., Nov. 25, 1891; *s.* Geo. E. and Elizabeth (Woolbright) S.; reared in village; *m.* Lessie Mae Bannister, Dec. 28, 1916; *c.* Geo. W. Jr., Dorothy Bannister. B.S., Clemson Agr. Coll., 1916.

Smith, Grover Cleveland, co. agrl. agt., La. State Univ., Baton Rouge, La.

Princ. high-sch., Billings, Okla., 1916-7. Pres. Farmers Coop. Club, Scott Co., Ark. In U. S. Army, 3 mos. —*b.* Warrensburg, Mo., Feb. 13, 1886; *s.* Joseph P. and Annie E. (Graves) S.; reared on farm; *m.* Lucy Lee Graham; *c.* Graham Cleveland. B.S., Okla. A. & M. Coll., 1916.

Smith, Guy Carlton, manag. advertising and res. depts., Libby, McNeill & Libby, Chicago, Ill.

Assoc. prof. econ., N. H. A. & M. Coll., 1911-3; prof., 1914-6; prof. econ., Conn. Agr. Coll., 1916-9; agt. U. S. Bur. Markets, 1917-9; dir. Bur. Markets, Pa. Dept. Agr., 1919-20; commercial res. dept., Swift & Co., 1920-3; commercial res. dept., Libby, McNeill & Libby, 1923-4; present position, 1924-. —*b.* Tipton, Mich., Nov. 28, 1881; *s.* J. F. and A. Eliza (Brown) S.; reared on farm; *m.* Florence Spalding, July 31, 1907; *c.* Carlton Spalding, Richard Spalding. Ph.B., Univ. Chicago, 1910; grad. work, Univ. Chicago, 1911. Phi Delta Pi.

Smith, Harland L., co. club agt. and teach. an. husb., N. Y. State Sch. Agr., Alfred, N. Y.

Teach. agr., Ellenville, N. Y., 1916-8; Livingston Manor, 1918-9; Dansville, 1919-21; present position, 1921-. —*b.* Sempronius, N. Y., Jan. 4, 1892; *s.* Arthur L. and Carrie (Reynolds) S.; reared on farm; *m.* Eleanor Hussey, July 1920; *c.* Katherine, Virginia, Marita. B.S., Cornell Univ., 1916.

Smith, Harry Herbert, asst. prof. an. husb., Colo. Agr. Coll., Fort Collins, Colo.

Teach. an. husb., Univ. Neb., 1920-1; Colo. Agr. Coll., 1921-. Private, U. S. Army, 1918. —*b.* Salem, Ind., Feb. 19, 1892; *s.* Lewis N. and Edna (Motsinger) S.; reared on farm; *m.* Lenore Corrick, Oct. 6, 1920; *c.* Gwendolyn Faye. B.S.A., Univ. Neb., 1920.

Smith, Harry Scott, assoc. prof. ent. in chg. beneficial insect invests., Univ. Calif., Citrus Exp. Sta., Riverside, Calif.

Manag. live-stock ranch, Custer Co., Neb., 1900-2; lab. instr. ent., and asst. state ent., Univ. Neb., 1908. Vice-pres. and chm. Pacific Coast branch, Amer. Assoc. Econ. Ent., 1923-4. Traveled in Europe, 1911-2; Orient, 1913. —*b.* Aurora, Neb., Nov. 29, 1883; *s.* Frank H. and Elizabeth (Brainard) S.; reared on

farm and in city; *m.* Psyche Ella Bruner, Dec. 23, 1908; *c.* Harriet Marcia, Helen Elizabeth, Samuel Scott, Alice Juanita, Lawrence Francis, Richard Alden. A.B., Univ. Neb., 1907; A.M., 1908. Delta Tau Delta; Sigma Xi.

Smith, Harry W., asst. prof. biochem., Univ. Me., Orono, Me.

Princ. Petersham Agrl. High-Sch., Mass., 1910-1; dir. agr., Good Will High-Sch., Hinckley, Me., 1911-2; asst. prof. bact., Univ. Me., 1912; asst. co. agt. leader, Univ. Me., 1917-9; asst. prof. bact., 1919-21; asst. prof. biochem., 1921-. —*b.* Hudson, Me., Nov. 20, 1886; *s.* C. L. and Dora B. (Davis) S.; reared in town; *m.* Gertrude E. Folley, July 23, 1912; *c.* Richard M., Irene F. B.S., Univ. Me., 1909; M.S., 1921. Theta Chi; Alpha Zeta.

Smith, Howard Remus, live-stock comnr., Nat. Live-Stock Exchange, Union Stock Yards, Chicago, Ill.

Asst. prof. an. husb., Univ. Neb., 1900-1; assoc. prof., 1901-2; prof., 1902-12; prof., Univ. Minn., 1912-5; live-stock specialist, Great Northern Ry. and First Nat. Bank, St. Paul, Minn., 1915-7; live-stock comnr., Chicago Live-Stock Exchange, 1917-21; Nat. Live-Stock Exchange, 1921-. Mem. U. S. Live-Stock Ind. Com. Pres. Nat. Agrl. Soc. *Auth.*: Profitable Stock Feeding, 1905; Cattle for the Northwest, 1917. *Ed.,* live-stock dept., The Farmer, St. Paul. —*b.* Addison, Mich., Apr. 16, 1872; *s.* Frederick Hart and Mary Selina (Burr) S.; reared on farm; *m.* Hazel Ruth Neu, Apr. 3, 1912; *c.* Genevieve Louie, Frederick Hart. B.S., Mich. Agr. Coll., 1895.

Smith, James Obediah Mitchell, farmer and seed-grower, Commerce, Ga.

b. Commerce, Ga., Aug. 13, 1874; *s.* Wm. Lloyd and Martha Ann (Williams) S.; reared in town; *m.* Bessie Lourene Hardman, Sept. 20, 1917; *c.* Henry Obediah.

Smith, Jared Gage, agrl. writer, Napoopoo, Hawaii.

Asst. agrst., Neb. Exp. Sta., 1888-90; assoc. bot., Shaw Sch. Bot., St. Louis, 1892-3; bot. asst., Mo. Bot. Gardens, 1893-5; with U. S. Dept. Agr., 1895-1908; asst. chief div. agrostology, 1895-9; asst. div. bot., 1899-1900; chief sect. seed and plant introduction, 1900-1; dir. Hawaii Exp. Sta., 1901-8; prof. agron., Coll. Hawaii, 1915-6; tobacco planter, 1908-18. Traveled in Europe, Australia, Mexico. *Ed.,* Pacific Commercial Advertiser, Honolulu. —*b.* Scottsburg, N. Y., Sept. 13, 1886; *s.* Prosper Adams and Delia (Spencer) S.; *m.* Grace Catherine Werner, May 15, 1894. B.S., Univ. Neb., 1888; M.A., 1892.

Smith, John Macgregor, prof. agrl. engin., Univ. Alta., Edmonton, Alta.

Asst. prof. agrl. engin., Univ. Sask., 1913-8; prof., 1918-20; present position, 1920-. Chg. agrl. engin. dept., Farmers' Advocate, Winnipeg, 1916-. (Farm machinery). —*b.* Edinburgh, Scotland, July 29, 1887; *s.* Wm. Nelson and Jane Scott (Macgregor) S.; reared in city; *m.* Ida Baldwin, Sept., 1915. Student Univ. Edinburgh, 3 yrs.; B.S.A., Univ. Man., 1913.

Smith, John Warren, chief Div. Agrl. Meteorology, U. S. Weather Bur., Washington, D. C.

With U. S. Weather Bur., 1888-; dir. N. E. sect., 1890-6; Mont. sect., 1896-7; O. sect., 1898-1909; special lect. meteorology, Ohio State Univ., 1898-1909; distr. forecaster and distr. ed., St. Louis, 1909-10; prof. meteorological sci., Ohio State Univ., and dir. O. sect., 1910-5; present position, 1915-. Sec. State Tuberculosis Comn., O., 1902; pres. O. Acad. Sci., 1914-5. *Auth.*: Agricultural Meteorology, 1920. (Weather and crops). —*b.* Grafton, N. H., Sept. 21, 1863; *s.* John R. and Mary E. (Wadleigh) S.; reared on farm; *m.* Florence A. Eaton, 1890; 2d, May P. Goetches, 1912; *c.* Ruth E., Russell W., Audrey P. B.S., N. H. A. & M. Coll., 1888; M.S., 1900; student Harvard Univ., 1891-2.

Smith, Joseph Griffith, sci., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Princ. village and country high-schs., 9 yrs.; asst. prof. chem., Univ. Ga., 1902. —*b.* Ila, Ga., Nov. 9, 1868; *s.* Lloyd and

Annie (Williams) S.; reared on farm; *m.* Annie Florence Baxter, Dec. 19, 1899 (d. 1911); 2d, Mary Florence Throckmorton, May 17, 1916; *c.* Baxter, Joseph Glen, Hubert, Griffith Geo., Benj. Williams. B.S., Univ. Ga., 1895; M.S., 1896.

Smith, LeRoy Burns, asst. state leader co. agts., Univ. Calif., Berkeley, Calif.

Dir. Calif. Poly. Sch., 1908-14; co. agrl. agt., Fresno, 1917-9; present position, 1919-. —*b.* Tyre, N. Y., Apr. 26, 1876; *s.* Chas. L. and Mary H. (Burns) S.; reared on farm; *m.* Sara Elizabeth White, July 14, 1903; *c.* Mary Elizabeth, Bernice. A.B., Cornell Univ., 1901; B.S.A., Univ. Calif., 1916. Phi Delta Kappa.

Smith, Leslie John, prof. agrl. engin., Man. Agr. Coll., Winnipeg, Man.

Instr. in chg. farm mech. div., Mich. Agr. Coll., 1906-10; present position, 1918-. *Auth.*: Essentials in Mechanical Drawing, 1917. —*b.* Petoskey, Mich., May 25, 1881; *s.* Jasper and Jane (Pierie) S.; reared in town; *m.* Shirley F. Pierce, Aug. 26, 1909; *c.* Jasper A., Dorothy Lois. B.S., Mich. Agr. Coll., 1906. Tau Beta Pi.

Smith, Leslie R., dir. Div. Reclamation, Soil Survey and Fairs, Mass. Dept. Agr., State House, Boston, Mass.

General agt., Rogers & Hubbard Co., Middletown, Conn., fertilizers, 12 yrs.; supt. state farm machinery, 1918-9. Master Mass. State Grange, 1918-; pres. Hampshire Co. Farm Bur., 4 yrs. —*b.* Hadley, Mass., Feb. 17, 1873; *s.* Geo. B. and Ophelia M. (Munn) S.; reared on farm; *m.* Ethel A. Moffitt, Oct. 14, 1903; *c.* L. Rockwell, Elizabeth M.

Smith, Loren Bartlett, ent., Bur. Ent., U. S. Dept. Agr., in chg. Japanese Beetle Project, Riverton, N. J.

Asst. state ent., Va., 1914-9; assoc., 1919; asst. ent., Va. Truck Exp. Sta., 1914-9; assoc. ent., U. S. Dept. Agr., 1919-21; ent., 1921-. —*b.* Truro, N. S., Mar. 24, 1890; *s.* Hermon Woodworth and Margaret (Pratt) S.; reared on farm and in town; *m.* Louise C. Smith, 1911; 2d, Margaret Wetteroth, 1923; *c.* Chas. Loren, Vivian Margaret, Hermon Eugene, Margaret Stuart. B.S., Cornell Univ., 1914.

Smith, Louie Henrie, prof. plant-breeding, Univ. Ill., Urbana, Ill.

Asst. chem., Ill. Exp. Sta., 1899-1903; chief asst. chem., 1903-5; asst. prof. plant-breeding, Univ. Ill., 1905-11; prof. 1911-; acting head agron. dept., 1918-20; in chg. publications, Soil Survey, 1920-. Del. to 2d Intern. Congress for Agrl. Educ., Liege, Belgium, 1905. *Asst. ed.*, Journal of the Amer. Soc. of Agron. —*b.* Crystal Lake, Ill., Apr. 15, 1872; *s.* Chas. W. and Anna E. (Robinson) S.; reared in town; *m.* Bessie I. Morgan, June 18, 1914. B.S., Univ. Ill., 1897; M.S., 1899; Ph.D., Univ. Halle, Germany, 1907. Sigma Xi; Gamma Alpha; Phi Lambda Upsilon.

Smith, Marian Rogers, specialist household manag., Mich. State Coll., E. Lansing, Mich.

Formerly home dem. agt., Dearborn, Mich. —*b.* Millington, Mich., July 25, 1893; *d.* Geo. E. and Harriet (Burgess) Rogers; reared in town; *m.* Leon F. Smith, Aug. 30, 1924. B.S., Univ. Mo., 1917. Phi Lambda Theta.

Smith, Marion Russell, asst. ent. and ant specialist, Miss. State Plant Bd., Jackson, Miss.

Grad. asst. ent., Clemson Agr. Coll., 1915-6; sci. asst. truck crop insect invests., U. S. Bur. Ent., 1917-8; res. asst. ent., Clemson Agr. Coll., 1918-9; ext. ent., N. C. State Dept. Agr., 1919-20; field supt. in insect control, Bur. Ent., 1920; Smith Hughes high-sch. teach., Fort Mill, S. C., 1920-1; present position, 1921-. —*b.* Pendleton, S. C., June 19, 1894; *s.* J. D. and Lena (Russell) S. B.S.A., Clemson Agr. Coll., 1915; M.Sc., Ohio State Univ., 1917; grad. student Univ. Ill., 1924-5. Sigma Xi.

Smith, Mark Joseph, breeder Delaine-Merino sheep, Burdett, N. Y.

In chg. sheep and wool invests., Ky. Exp. Sta., 1914-6; ext. instr. an. husb., Univ. Mo., 1917; agt. in an. husb., U. S. Dept. Agr., and asst. prof. an. husb.,

Cornell Univ., 1917-21; head wool marketing dept., O. Farm Bur. Fed., 1921-3. Acting sec. N. Y. State Fed. of Co. Sheep Growers Coop. Assoc., Inc. (Sheep, wool). —*b.* Burdett, N. Y., Feb. 2, 1891; *s.* Hollen C. and Tirzah (Todd) S.; reared in village; *m.* Margaret Rea Oaks, Dec. 26, 1916; *c.* Hollen C., Isabelle Rea, Clara Todd, Todd. B.S., Univ. Ill., 1914. Alpha Zeta.

Smith, Nathan Raymond, assoc. soil bact., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Sci. asst., U. S. Dept. Agr., 1911-8; assoc. bact., 1919-. Sergeant Med. Corps, U. S. Army, World War. —*b.* Whitehall, N. Y., Sept. 10, 1888; *s.* Frederick H. and Minnie Eloise (Frost) S.; reared on farm; *m.* Katherine Lulu Reynolds, Dec. 26, 1921. B.S., Univ. Vt., 1911. Alpha Zeta.

Smith, Oliver, publisher, 6 Cedar Parkway, Chevy Chase, Md.

In export business, N. Y. and Peru, 1898-1902; fertilizer business, Wilmington, N. C., 1902-6; farmer, Talbot Co., Md., 1906-14; asst. agron., W. Va. Univ., 1913-4; sci. asst., U. S. Dept. Agr., 1918-9. *Assoc. ed.,* Nat. Agrl. Leaders Magazine. (Fertilizers). —*b.* Taughannock Falls, N. Y., June 3, 1876; *s.* Henry A. and Rosena W. (Ryder) S.; reared in city; *m.* Lillian Smith, 1905; *c.* Dorothy Ryder. A.B., Columbia Univ., 1897; B.S.A., Cornell Univ., 1913.

Smith, Ralph Quincy, co. agrl. agt., Walton, N. Y.

Teach. farm crops, N. Y. State Sch. Agr., Alfred, winters, 1916-7; agrl. agt. Allegany Co., 1917-9; teach. dairy ind., N. Y. State Sch. Agr., Delhi, 1919-20; co. club agt. Otsego Co., 1920-2; agrl. agt. Delaware Co., 1922-. —*b.* New Carlisle, O., Aug. 4, 1892; *s.* J. Quincy and Maggie (Johnson) S.; reared on farm. B.Sc., Ohio State Univ., 1914.

Smith, Ralph Waldo, assoc. agron., Off. Cereal Invests., U. S. Dept. Agr., Dickinson Exp. Substa., Dickinson, N. D.

Princ. rural consolidated schs., 1909-12. —*b.* Spring Valley, Minn., Oct. 9, 1877; *s.* Eber A. and Sarah L. (Sanborn) S.; reared on farm; *m.* Effie F. Christian, Feb. 23, 1904; *c.* Glenn S., Ruth S., Myrtle C. B.S.A., N. D. Agr. Coll., 1914.

Smith, Raymond Stratton, assoc. prof. soil physics, Univ. Ill., Urbana, Ill.

Asst. prof. soil physics, Penn. State Coll., 1913-7; present position, 1918-. Mem. Ill. Acad. Sci. —*b.* Andover, O., Apr. 9, 1880; *s.* John E. and Elmina (Stratton) S.; reared on farm; *m.* Nellie Boucher, 1922. B.S., Pomona Coll., 1907; B.S.A., Univ. Ill., 1913; Ph.D., Cornell Univ., 1918.

Smith, Roger Cletus, assoc. prof. ent., Kans. State Agr. Coll., Manhattan, Kans.

Princ. Fairview High-Sch., Dayton, O., 1912-4; assoc. lect. nat. hist., Milwaukee Public Museum, 1917-8; sci. asst., U. S. Bur. Ent., Charlottesville, Va., 1918-20; asst. prof. ent., Kans. State Agr. Coll., 1920-2; assoc. prof., 1922-. Walker prize, Boston Soc. Nat. Hist., 1919. (Neuroptera, especially Chrysopidæ and Hemerobiidæ). —*b.* Dayton, O., June 7, 1888; *s.* Oliver J. and Amelia (Cart) S.; reared on farm; *m.* Ada Drown; *c.* Roger Philip. A.B., Miami Univ., Oxford, O., 1911; A.M., Ohio State Univ., 1915; Ph.D., Cornell Univ., 1917. Sigma Xi; Gamma Sigma Delta; Phi Kappa Tau.

Smith, Ruby Green, state leader home bur. organization, Cornell Univ., Ithaca, N. Y.

Instr., Leland Stanford Univ., 1902-5; lect., Chautauqua, 1913-4; specialist city organization, ext. work with women, U. S. Dept. Agr., 1917-8; deputy dir., N. Y., State Food Comn., 1918-9; asst. state leader home econ. ext., Cornell Univ., 1919-20. Contr. to Book of Rural Life. —*b.* near Knightstown, Ind.; *d.* Alpheus W. and Jennie Marcella (Hayes) Green; reared on farm and in town; *m.* Albert W. Smith; *c.* Alpheus Waldo, Dorothy M., Ruth Althea. A.B., Leland Stanford Univ., 1902; A.M., 1904; Ph.D., Cornell Univ., 1914. Phi Beta Kappa; Sigma Xi; Kappa Alpha Theta; Sigma Delta Epsilon.

Smith, Russell S., market milk specialist, Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

In chg. enforcement state dairy law, Me. Dept. Agr., 1911-4; present position, 1914-. —*b.* Auburn, Me., Dec. 13, 1888; *s.* Irwin A. and Susie (Griffin) M.; reared on farm and in city. B.S.A., Univ. Me., 1911. Kappa Sigma; Alpha Zeta.

Smith, Sam Joseph, co. agrl. agt., Concordia, Kans.

Princ. rural high-sch., 1917-8. Served in Ordnance Dept., World War. (An. husb.). —*b.* Kirkwood, S. D., Nov. 12, 1888; *s.* G. W. and Olive A. (Ewan) S.; reared on farm; *m.* Hester A. Smith, May 28, 1920; *c.* Carolyn Elizabeth. B.S., E. Kans. State Teach. Coll., 1917; B.S., Kans. State Agr. Coll., 1920. Phi Sigma Epsilon.

Smith, Thomas L., sales manag. The Central Chem. Co., Hagerstown, Md.

Prof. agr. and sci., Franklin Coll., New Athens, O., 1914-5; athletic dir., 1914-5; dean, 1915; co. agrl. agt., Hagerstown, 1917-20. Dairyman, Youngstown, O., 3 yrs.; manag. Warrior Mt. Orchard Co., Old Town, Md., 2 yrs.; proprietor Tri State Orchard Co., Hancock, Md. —*b.* Youngstown, O., Sept. 13, 1890; *s.* Geo. B. and Elizabeth (Milliken) S.; reared on farm; *m.* Opal B. Moore, Aug. 18, 1914; *c.* Elizabeth Allen, Thos. L. Jr., Louise Opal, Jean Moore. B.S.A., Ohio State Univ., 1914. Sigma Pi.

Smith, Vera, home dem. agt., Greenfield, Mass.

Teach. home econ., Black River Acad., Ludlow, Vt., 1917-8; Barton, 1918-9; high-sch., Medford, Mass., 1919-20; present position, 1920-. —*b.* Somerville, Mass., Apr. 27, 1895; *d.* Francis M. and Mary A. (Lincoln) S.; reared in city. B.S., Simmons Coll., 1917.

Smith, Wendell Frederick, teach. agr., high-sch., W. Newton, Mass.

Manag. orchard, Sherborn, Mass., 1919-20; fruit farm, Littleton, Mass., 1920; Southboro, Mass., 1920-3; present position, 1921-. Master Garden City Grange, 1924. —*b.* Utica, N. Y., Feb. 20, 1898; *s.* Dwight E. and Carrie J. (Merrill) S.; reared in city; *m.* Miriam W. Kempton, Aug. 25, 1921; *c.* Wendell F. Jr., Barbara Ann. B.S., Mass. Agr. Coll., 1919. Kappa Epsilon.

Smith, W. Harvey, farmer and breeder Belgian horses, Boswell, Ind.

Pres. Ind. Draft Horse Breeders Assoc.; dir. Amer. Assoc. Importers and Breeders Belgian Draft Horses; pres. Warren Co. Pure Bred Live Stock Breeders Assoc.; sec. Benton-Warren Co. Pure Bred Draft Horse Breeders Assoc. —*b.* Boswell, Ind., Feb. 28, 1878; *s.* Wm. and Malinda (Barkrider) S.; reared on farm; *m.* Mary E. Hall, Dec. 25, 1900; *c.* J. Hall.

Smith, William Daniel, in chg. rice invests., Bur. Agrl. Econ., U. S. Dept. Agr., New Orleans, La.

With H. I. Baldwin & Co., grain brokers, Decatur, Ill., 1912-7. (Marketing of grain). —*b.* Arkansas City, Kans., Jan. 3, 1893; *s.* Jas. C. and Myrtle E. (McVicker) S.; reared on farm and in city; *m.* Grace L. Rudisill, Dec. 26, 1921.

Smith, William Herschel, state leader farm advisors, assoc., prof. an. husb. ext., Univ. Ill., Urbana, Ill.

Teach. sci., high-sch., Ft. Dodge, Ia., 1907-8; Beatrice, Neb., 1908-10; present position, 1910-. —*b.* Tobias, Neb., Sept. 17, 1884; *s.* Herschel and Jean (Clelland) S.; reared on farm; *m.* Ruby Holman, Dec. 23, 1909; *c.* Jean Holman. B.S., Univ. Neb., 1906; M.S., Univ. Ill., 1912.

Smith, William Howard, farmer, Prattville, Ala.

Pres. McQueen Smith Farming Co., cotton growers and cattle feeders, Ala. —*b.* Prattville, Ala., Nov. 25, 1885; *s.* McQueen and Lila H. S.; reared on farm; *m.* Louise Maytag. Grad. Ia. State Coll., 1906. Sigma Alpha Epsilon.

Smith, William Wesley, prof. an. husb., Purdue Univ., LaFayette, Ind.

Asst. an. husb., Ia. State Coll., 1904-5; from instr. to prof. an. husb., Purdue Univ., 1905-. Traveled British Isles, 1908. *Auth.*: Pork Production, 1920;

The Pig Book for Boys and Girls. —*b.* Nevada, Ia., Dec. 13, 1878; *s.* Marion and Rachel Louise (Darner) S.; reared on farm; *m.* Katherine Louise Kane, Aug. 1911; *c.* Richard W., Gordon Thompson. B.S.A., Ia. State Coll., 1903; M.S.A., 1906; M.Agr., 1920. Alpha Zeta; Alpha Gamma Rho.

Smith, Wing R., agrst., Syracuse, N. Y.; Mar. 9, 1850-June 9, 1924. See Rus 1920.

Smith, Zora Mayo, state dir. voc. educ., LaFayette, Ind.

Supt. schs., Kempton, Ind., 1901-3; head dept. English, high-sch., Rockford, Ill., 1903-5; princ. high-sch., Danville, Ill., 1905-9; Goldsmith, Ind., 1909-12; present position, 1912-. —*b.* Goldsmith, Ind., Oct. 14, 1874; *s.* Richard Harmon and Sarah Rebecca (Hall) S.; reared on farm; *m.* Bertha Edna McShane, Sept. 3, 1912; *c.* Maurice Harold, Robt. Hugh, Margaret Esther. A.B., DePauw Univ., 1901; A.M., 1905; B.S.A., Purdue Univ., 1919. Phi Delta Theta; Alpha Zeta; Phi Delta Kappa.

Smithers, Paul Lewis, co. agrl. agt., Canon City, Colo.

Stockman, Mont., 2 yrs.; farmer, Minn. and Mont., 1 yr. Served in Vet. Corps, U. S. Army, 13 mos. (An. husb.). —*b.* Kalispell, Mont., Oct. 13, 1894; *s.* Chas. and Kathrine (Owens) S.; reared in town and on farm; *m.* Lydia Bragstad, Apr. 20, 1920; *c.* Kathryn Ann. B.S., Colo. Agr. Coll., 1922.

Smyth, Edwin F., dir. voc. educ., Dept. Public Instr., Hamakuapoko, Maui, H. I.

Teach. agr. and chem. and distr. club leader, Union High-Sch., Fairoaks, Calif., 1916-8; agrl. agt. Madera Co., Calif., 1918-21; farmer, 1921-3; present position, 1924-. —*b.* Mo., Jan. 20, 1886; *s.* F. W. and L. S. (Sims) S.; reared on ranch; *m.* Ethel M. Bidwell. June 18, 1914; *c.* Sibyl Mary, Gail Bidwell, Edwin Stanley. Student Univ. Calif. Alpha Kappa Lambda; Phi Delta Kappa.

Smythe, William Ellsworth, journalist, 1402 Merchant's Nat. Bank, San Francisco, Calif.; Dec. 24, 1861-Oct. 6, 1922. See Rus 1920.

Snapp, Oliver Irvin, ent. deciduous fruit insect invests., Bur. Ent., U. S. Dept. Agr., Exp. Sta., Fort Valley, Ga.

Princ. Congressional Agrl. High-Sch., Va., 1916-7; res. ent., Md. State Coll., 1916; ext. ent., Miss. A. & M. Coll., 1917-20. —*b.* Winchester, Va., Aug. 1, 1895; *s.* Geo. Oliver and Ella (Baumgardner) S.; reared on farm and in town. B.S.A., Va. Poly. Inst., 1915; grad. student, Miss. A. & M. Coll.

Snell, Maynard Goldman, asst. prof. an. husb., N. Mex. A. & M. Coll., State College, N. Mex.

b. Lampasas, Tex., Nov. 12, 1900; *c.* Frank and Mattie (Goldman) S.; reared on farm. B.S.A., Tex. A. & M. Coll., 1921; A.M., Univ. Mo., 1922.

Snider, Howard John, asst. chief exp. field, Ill. Exp. Sta., Urbana, Ill.

Fruit-grower and gardener, New Richmond, O., 1903-13; with Ill. Exp. Sta., 1913-. (Soil fert.). —*b.* Jeffersonville, Ind., Feb. 25, 1884; *s.* Lewis and Sarah Jane (Sheeler) S.; reared on farm; *m.* Lucy Fisher, Dec. 29, 1916; *c.* Madge, Elaine. B.S., Univ. Ill., 1913; M.S., 1921.

Snyder, Addison Hogan, ed. Successful Farming, Des Moines, Ia.

Sci. asst., Bur. Soils, U. S. Dept. Agr., 1901-6; in chg. soils ext., Ia. State Coll., 1906-12; present position, 1912-. (Soils, crops). —*b.* Barnesville, O., Jan. 30, 1879; *s.* E. H. and Ella (Guthrie) S.; reared on farm. B.Sc., Ohio State Univ., 1901. Alpha Zeta; Phi Kappa Phi; Acacia.

Snyder, Arthur Gail, instr. voc. agr. and head sci. dept., high-sch., Pennsboro, W. Va.

Served in U. S. Army, 1917-9. (An. husb.). —*b.* Morgantown, W. Va., Sept. 19, 1899; *s.* J. R. and Florence (Shahan) S.; reared on farm; *m.* Frances Elizabeth Reynolds, Aug. 9, 1924. B.S.A., W. Va. Univ., 1924; M.S.A., 1925. Alpha Gamma Rho; Alpha Zeta.

Snyder, Charles Edwin, ed. Chicago Daily Drovers Journal, Chicago, Ill.

With Nat. Stockman and Farmer until 1915; ed., Farmers' Review, Chicago, 1915-8; Nat. Stockman and Farmer, Pittsburgh, Pa., 1918-20; present position, 1920-. —*b.* Huron Co., O., May 30, 1886; *s.* E. P. and Annette (Tillson) S.; reared on farm; *m.* Mary V. Makepeace, Sept. 5, 1912; *c.* Stanley M., Wm. Lewis, Ralph G. B.S.A., Ohio State Univ., 1909. Alpha Gamma Rho.

Snyder, Charles Russell, superv. agr., high-sch., Seaford, Del.

Superv. agr., Carlisle Indian Sch., 1917-8; Chilocco Indian Sch., Okla., 1918-9; present position, 1919-. —*b.* Loganville, Pa., Jan. 22, 1889; *s.* Moses and Anna (Hildebrand) S.; reared in town; *m.* Maud Elizabeth Sechrist, Apr. 20, 1918. B.S., Penn. State Coll., 1917. Alpha Tau Omega.

Snyder, Edward Frank, asst. biochem., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

2d Lieut. Military Intelligence Div., U. S. Army, World War. (Soil fertility). —*b.* Livonia, N. Y., July 22, 1895; *s.* Frank and Alice (Kervin) S.; reared in city. B.S., Catholic Univ., Brookland, D. C., 1918.

Snyder, Harry, chem., 1800 Summit Ave., Minneapolis, Minn.

Asst. instr. chem., Cornell Univ., 1889-90; asst. chem., Cornell Univ. Exp. Sta., 1890-1; prof. agrl. chem. and soils, Univ. Minn., 1891-1909; nutr. collaborator and expert, U. S. Dept. Agr., 1895-1907; chem., Russell Miller Milling Co., Minneapolis, 1909-. Pres. Assoc. Official Agrl. Chem., 1907-8. Fellow A. A. A. S. *Auth.*: The Chemistry of Plant and Animal Life; Dairy Chemistry; Soils and Fertilizers; Human Foods; The Nomenclature of Wheat Flours. —*b.* Cherry Valley, N. Y., Jan. 26, 1867; *s.* David W. and Mary A. (Harter) S.; reared on farm and in town; *m.* Adelaide C. Craig, Aug. 2, 1890. B.S., Cornell Univ., 1889. Sigma Xi; Phi Delta Theta.

Snyder, Ralph, farmer, pres. Kans. State Farm Bur., Manhattan, Kans.

Farmer, 1893-; pres. and managing officer, Jefferson Co. Bank, Oskaloosa, Kans., 1908-17. Served in Kans. Legislature, 2 terms. Pres. Kans. State Farm Bur., 1920-; ed. Kans. Farm Journal, 1922-. (Agrl. econ.). —*b.* Oskaloosa, Kans., Apr. 5, 1871; *s.* Edwin and Irene (Patterson) S.; reared on farm; *m.* Nellie M. Phinney, Oct. 11, 1893; *c.* Marvin, Imogene, Freda. B.S., Kans. State Agr. Coll., 1890.

Snyder, Robert Mifflin, res. assoc. bact., Mich. Agr. Exp. Sta., E. Lansing, Mich.

Bact., U. S. Army, 1917-9. (Soil and plant bact.). —*b.* Pittsburgh, Pa., May 20, 1893; *s.* Jonathan and Clara (Mifflin) S. B.S., Mich. Agr. Coll., 1914; Ph.D., Cornell Univ., 1918. Alpha Zeta.

Snyder, Robert Shirley, assoc. chem., Ida. Agr. Exp. Sta., Moscow, Ida.

Asst. chem. in soils, Ia. State Coll., 1912-9; present position, 1919-. —*b.* Bertram, Ia., June 6, 1890; *s.* F. S. and Zaidee T. (Blaine) S.; reared on farm and in city; *m.* Eva McGraw, Oct. 9, 1912; *c.* Robt., Richard. B.S., Coe Coll., 1911; M.S., Univ. Ida., 1924. Sigma Xi; Alpha Nu; Phi Lambda Upsilon.

Snyder, Roy Webster, ext. asst. prof. an. husb., Ia. State Coll., Ames, Ia.

Grad. asst. in an. husb., Ia. State Coll., 1922; ext. asst., 1923-4; ext. asst. prof., 1924-. (Meats, sheep). —*b.* Cedarville, Ill., June 10, 1898; *s.* Stephen A. Douglas and Lillie Clara (Moses) S.; reared on farm; *m.* Mabel C. Parsons, Aug. 3, 1922; *c.* Betty Jean. B.S., Ia. State Coll., 1921; M.S., 1922. Sigma Delta.

Snyder, Thomas Elliott, specialist in for. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

b. New York, N. Y., Feb. 6, 1885; *s.* Roger and Alice Celinda (Brice) S.; reared in country. B.A., Columbia Univ., 1907; M.F., Yale Univ., 1909; Ph.D., Geo. Washington Univ., 1920.

Snyder, William Patton, supt. Univ. Neb. Expl. Substa., N. Platte, Neb.

Asst. an. husb., Univ. Neb., 1903-4; asst. supt. farmers insts., 1903-6; present position, 1906-. —*b.* Butler Co.,

Pa., Aug. 17, 1875; *s.* Hiram and Eliza P. (Braham) S.; reared in country; *m.* Rachel Isabelle Pollock, Oct. 27, 1904; *c.* Wm. Patton Jr., Bruce Pollock, Marjorie Isabelle. B.A., Univ. Neb., 1901; M.S., Mich. Agr. Coll., 1903. Alpha Zeta.

Sommer, Hugo Henry, asst. prof. dairy husb., Univ. Wis., Madison, Wis.

Asst. chem., Univ. Wis., 1917-9; instr. agrl. chem., 1919-20; dairy chem., N. Calif. Milk Producers Assoc., 1920; present position, Sept. 1920-. —*b.* Timothy, Wis., Sept. 4, 1896; *s.* Wm. F. and Louise (Sprenger) S.; reared on farm; *m.* Emma M. Hingiss, Dec. 25, 1918; *c.* Warren Lloyd, David Russell. B.S., Univ. Wis., 1918; M.S., 1919; Ph.D., 1922. Sigma Xi; Alpha Zeta; Phi Lambda Epsilon.

Sorenson, Arthur Alexander, dir. agr., high-sch., Fresno, Calif.

b. Elkton, Mich., Nov. 8, 1881; *s.* Peter and Mary (Campbell) S.; reared on farm; *m.* Kittie Mae MacDonald, July 30, 1912; *c.* Kathryn Mae. B.S., Mich. Agr. Coll., 1912; student Univ. Calif., 1915.

Sorrells, William Holman, instr. voc. agr. and princ. Rutland Consolidated High-Sch., Macon, Ga.

Princ. Howard Consolidated High-Sch., Macon, Ga., 1917-8; co. agrl. agt., Leesburg, 1918-9; supt. Dawson Paper Shell Pecan Co., June-Sept., 1919; present position, 1919-. Treas. Ga. Agrl. Club, 1913-4, pres., 1916. —*b.* Monroe, Ga., Apr. 2, 1890; *s.* Humphrey Hendrix and Arminta H. (Chandler) S.; reared on farm; *m.* Lola Ruth McLeroy, Dec. 6, 1917; *c.* Martha La Vere, Wm. McLeroy. B.S.A., Univ. Ga., 1916. Lambda Chi Alpha; Sigma Upsilon; Pi Kappa Delta.

Soule, Andrew MacNairn, pres. Ga. State A. & M. Coll., Athens, Ga.

Asst. in expl. dept., Ont. Agr. Coll., 1891-2; asst. to dir. Mo. Exp. Sta., 1894; asst. prof. agr. and asst. agrst. Exp. Sta., Tex. A. & M. Coll., 1894-9; vice-dir. and agrst., Tenn. Exp. Sta., 1899-1903; dir., 1903-4; chm. agrl. faculty, Univ. Tenn., 1899-1904; dean Coll. Agr. and dir. Exp. Sta., Va. Poly. Inst., 1904-7; present position, 1907-. Fed. food adminis. for Ga., 1917-9. Sec. Tenn. Farmers Insts., 1900-4; Va. State Farmers Inst., 1904-7; dir. Farmers Insts., Ga., 1907-. Pres. Amer. Assoc. Farmers Inst. Workers, 1913; mem. Intern. Jury Awards, St. Louis Expos., 1904. Fellow Royal Soc. Arts, London, 1915. —*b.* Hamilton, Ont., July 8, 1872; *s.* John and Margaret (Shaw) S.; *m.* Olivia Canby Porter, Aug. 29, 1895. B.S.A., Univ. Toronto, 1893; Sc.D., Univ. Ga., 1910; LL.D., 1916.

Soule, Harris Wells, co. agrl. agt., White River Junction, Vt.

Asst. prof. an. husb., N. Y. State Inst. Applied Agr., 1922-3; agrl. agt. Windsor Co., Vt., 1923-. Served in U. S. Army, 1918. (Dairy cattle). —*b.* Fairfield, Vt., Apr. 14, 1900; *s.* H. S. and Nellie (Wells) S.; reared on farm. B.S., Univ. Vt., 1922. Sigma Nu.

Southwick, Benjamin Gilbert, co. agrl. agt., 308 Church St., Hartford, Conn.

Assoc. agron., Conn. Agr. Coll., 1913-8; ext. prof. farm manag., Mass. Agr. Coll., 1918; agrl. agt. Hartford Co., 1919-. —*b.* Buckland, Mass., Mar. 24, 1889; *s.* Henry Gilbert and Ida Jane (Green) S.; reared on farm; *m.* Amy B. Wallburg, Sept. 2, 1913; *c.* Benj. G., Edward H., Franklin W., Peter F. B.S., Mass. Agr. Coll., 1912. Phi Kappa Phi.

Spader, George Almond, instr. hort., N. Y. State Sch. Agr., Morrisville, N. Y.

Instr. agr., high-sch., Hammondsport, N. Y., 1920-3; present position, 1923-. 2d Lieut. O. R. C., U. S. Army. (Pom.). —*b.* Watkins, N. Y., May 8, 1897; *s.* Daniel and Delephine (Townsend) S.; reared on farm. B.S.A., Cornell Univ., 1920. Alpha Gamma Rho.

Spaeth, Ernest Philip, stockman and rancher, Gillette, Wyo.

Pres. Campbell Co. Woolgrowers Assoc. Chm. Republican Co. Cent. Com., 1924; pres. Gillette Commercial Club. —*b.* Philadelphia, Pa., Nov. 4, 1874; *s.* Adolph and Marie (Duncan) S.; reared in city and country. V.M.D., Univ. Penn., 1898.

Spaeth, John Nelson, res. asst. prof. for., Cornell Univ., Ithaca, N. Y.

Asst. to dir. Harvard For. Sch., 1921-4; instr. lumbering, Harvard Univ., 1921-3; present position, 1924-. Served in Naval Aviation, 1918. —*b.* Rochester, N. Y., Nov. 10, 1896; *s.* Chas. and Jennie (Brown) S.; reared in city; *m.* Helen M. Bacon, Sept. 7, 1922; *c.* Chas. Erwin. B.S., Cornell Univ., 1919; M.F., Harvard Univ., 1920. Alpha Zeta.

Spanton, William T., fed. agt. for agrl. educ., Fed. Bd. for Voc. Educ., Washington, D. C.

Teach. sci., high-sch., Plain City, O., 1916-7; supt. schs., Litchfield, O., 1917-8; head agrl. dept., E. Tech. High-Sch., Cleveland, 1918-9; prof. agrl. educ., R. I. State Coll., 1919-20; state superv. agrl. educ., Jefferson City, Mo., 1920-5; present position, 1925-. —*b.* Independence, Ky., Oct. 25, 1891; *s.* Thos. M. and Fannie (Nugent) S.; reared on farm; *m.* Ethel O. Schramm, Oct. 28, 1916; *c.* Billy Floyd. B.A., Ohio State Univ., 1915; B.Sc. in Educ. and Agr., 1916; M.A., Brown Univ., 1924. Phi Delta Kappa.

Sparks, Edwin Erle, pres. Penn. State Coll., State College, Pa.; July 16, 1860-June 15, 1924. See Rus 1920.

Sparks, Emma E., asst. state leader home advisors, Univ. Ill., Urbana, Ill.

Manag. vegetarian restaurant, 1917; instr. jr. foods, Ia. State Coll., 1918; home dem. agt., Winnebago Co., Ia., 1918-21; Benton Co., 1921-3; present position, 1923-. (Nutr.). —*b.* Todds Point, Ill., Dec. 13, 1886; *d.* Ila U. and H. Lillie (Sappington) S.; reared on farm. Ph.B., Univ. Chicago, 1916.

Spaulding, Carrie Lee, home dem. agt., Clarkton, N. C.

b. Columbus Co., N. C., July 6, 1898; *d.* Mc.I. and Elsie Blanks (Spaulding) S. (col.); reared on farm.

Spaulding, Perley, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. hort., Univ. Me., 1900-1. (For. path.). —*b.* Royalton, Vt., Sept. 19, 1878; reared on farm; *m.* Anna B. Talbot, Oct. 15, 1904. B.S., Univ. Vt., 1900; M.S., Washington Univ., 1903; Ph.D., 1906.

Spears, Howell Davis, chem. feed control, Ky. Exp. Sta., Lexington, Ky.

Student asst. chem., Univ. Ky., 1906-7; present position, 1907-. —*b.* Lexington, Ky., Mar. 5, 1887; *s.* John Esten and Kate Longsworth (Warfield) S.; reared in city. B.S., Univ. Ky., 1907; M.S., 1908. Phi Delta Theta.

Spence, Robert Finley, co. agrl. agt., Berea, Ky.

Teach. Berea Coll., 1910-2; asst. dean foundation dept., 1913; agt. Rockcastle and Madison Cos., 1918-. —*b.* Ionia, Ky., Aug. 24, 1884; *s.* W. A. J. and Elizabeth (Nicholas) S.; reared on farm. Grad. Berea Coll.

Spencer, Arthur Percival, vice dir. ext. div., Univ. Fla., Gainesville, Fla.

Assoc. prof. an. husb., Va. Poly. Inst., 1907-9; dir. 5th Congressional Agrl. High-Sch., Elk Creek, Va., 1909-10; present position, 1910-. —*b.* Brooklin, Ont., May 8, 1877 (naturalized 1915); *s.* H. H. and Agnes (Burns) S.; reared on farm; *m.* Belle Elgin; *c.* Anna Rebecca, Herbert Elgin. B.S., Va. Poly. Inst., 1905; M.S., 1909.

Spencer, Clarence Ashley, exec. dir. Inst. of Agr., 29 Pershing Terrace, Springfield, Mass.

Farm manag., 12 yrs. —*b.* Vernon, Pa., July 21, 1888; *s.* Wm. E. and Emma (Eggleston) S.; reared on farm; *m.* Hazel Auretta Stark, June 5, 1912; *c.* Wm. Courtney, Clarence A. Jr. B.S., Penn. State Coll., 1912; grad. student Cornell Univ., 1922.

Spencer, Damon Alvin, an. husb. in chg. sheep and goat invests., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Instr. an. husb., Mich. Agr. Coll., 1912-4; Okla. A. & M. Coll., 1914-6; asst. prof., 1916-7; sheep ext. specialist, U. S. Dept. Agr., 1918-20. —*b.* Maple

Grove, Mich., Mar. 15, 1887; *s.* Geo. and Martha Jane (Walton) S.; reared on farm; *m.* Iva Mae Coe, July 30, 1913; *c.* Virginia Coe, Mildred Coe. B.S., Mich. Agr. Coll., 1912.

Spencer, Herbert, ent., Va. Truck Exp. Sta., Norfolk, Va.

Instr. zool. and ent., N. C. State Coll., 1915-20; asst. prof., 1920-1; present position, 1922-. Served in U. S. Army, 1918-9. —*b.* Washington, D. C., Apr. 7, 1894; *s.* David Chas. and Emma Maud (Mulligan) S.; reared in town and on farm; *m.* Phyllis McBurney Franklin, Apr. 5, 1920. B.S., N. C. State Coll., 1915; M.S., 1917; Ph.D., Ohio State Univ., 1922. Sigma Xi; Alpha Zeta.

Spencer, James Burns, dir. publicity, Dominion Dept. Agr., Ottawa, Ont.

Asst. ed. Farmers Advocate, London, Ont., 1894-1901; agrl. ed. Family Herald and Weekly Star, Montreal, 1901-5; asst. to live-stock comnr., Dominion Dept. Agr., 1905-10; ed. and chief Publications Branch, 1910-7; present position, 1917-. Sec. Swine Ind. Invest. Comn. to Great Britain and Denmark, 1908; pres. Ont. Agrl. and Expl. Union; dir. Canadian Gladiolus Soc.; hon. vice-pres. Ont. Rose Soc.; pres. Ottawa Hort. Soc. (Sheep, hort.). —*b.* Brooklin, Ont., June 9, 1866; *s.* Henry Herbert and Agnes (Burns) S.; reared on farm; *m.* Kate Marion Read, Nov. 7, 1900; *c.* Sybil Margaret. B.S.A., Toronto Univ. and Ont. Agr. Coll., 1904.

Spidel, George Albert, instr. voc. agr., high-sch., Waverly, Neb.

Asst. seed analyst, Colo. State Seed Lab., 1917-9; supt. schs. and instr. agr., Union Center Consolidated Sch., Liberty, Neb., 1919-21; present position, 1921-. —*b.* LaJunta, Colo., Oct. 11, 1895; *s.* David and Melvina (Lucas) S.; reared on farm; *m.* Marian Frances Helm, Aug. 22, 1917. B.S., Colo. Agr. Coll., 1919; M.A., Univ. Neb., 1924. Alpha Zeta; Gamma Sigma Delta.

Spillman, Claude Omar, head voc. dept., high-sch., Stanford, Ky.

With Motor Transport Corps, U. S. Army, 1917-8. (Hort.). —*b.* Smith's Grove, Ky., July 25, 1895; *s.* John E. and Mary E. (Smith) S.; reared on farm; *m.* Jerrie Rankins, June 20, 1923. B.S.A., Univ. Ky., 1924. Alpha Zeta; Kappa Delta Pi.

Spillman, William Jasper, agrl. econ., U. S. Dept. Agr., Washington, D. C.

Prof. sci., Mo. State Normal, 1887-9; Vincennes Univ., 1889-91; Ore. State Normal, 1891-4; prof. agr., Wash. State Coll., 1894-1901; agrostologist, U. S. Dept. Agr., 1902-5; chief Off. Farm Manag., 1905-18; assoc. ed. Farm Journal, 1918-21; present position, 1922-. Fellow A. A. A. S. *Auth.*: Farm Grasses of the U. S.; Farm Science; Farm Management; Law of Diminishing Returns. —*b.* Lawrence Co., Mo., Oct. 23, 1863; *s.* Nathan Cosby and Emily P. (Pruitt) S.; reared on farm; *m.* Mattie Ramsey, May 20, 1889; *c.* Ramsay. B.S., Univ. Mo., 1886; M.S., 1889; D.Sc., Temple Univ., Philadelphia, 1907. Phi Beta Kappa; Phi Delta Theta; Alpha Zeta.

Spilman, Harold Addison, invest. in package standardization, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. in direct marketing, U. S. Dept. Agr., 1918-20; present title, 1920-. —*b.* Manhattan, Kans., Dec. 27, 1883; *s.* R. B. and Hannah (Russell) S.; reared in town; *m.* Mary C. McCarty, Jan. 19, 1916. B.S., Kans. State Agr. Coll., 1903.

Spradlin, Brutus Augustine, co agrl. agt., Harrison, Ark.

Pres. Mt. Home Coll., Ark., 1907-10; supt. schs., Walnut Ridge, 1911-3; co. examiner Baxter Co. and supt. schs., 1914-6. Business manag. Newton Co. Fair, 1918-9. —*b.* Ark., July 17, 1875; *s.* Augustine Asbery and Martha Anne (Hubbard) S.; reared on farm; *m.* Achazah E. Neff, Aug. 13, 1910. L.I., Univ. Ark., 1906; B.A., 1907.

Spragg, Frank Azor, res. assoc. in plant-breeding, Mich. Agr. Coll., E. Lansing, Mich.; Aug. 21, 1874-Aug. 11, 1924. See Rus 1920.

Sprague, Harold Greene, lands. arch., 703 Youngerman Bldg., Des Moines, Ia.

Asst. prof. arch. engin. and rural structures, Ia. State Coll., 1915-9; designer farm bldgs. and fair bldgs., Pearse, Robinson & Sprague, 1919-. —*b.* Paullina, Ia., Oct. 22, 1888; *s.* Frank W. and Mary (Greene) S.; reared on farm and in city; *m.* Lydia A. Keates, May 22, 1915. B.S., Univ. Ill.

Spraker, Everett Beech, teach. agr. and sci., Belvedere Jr.. High-Sch., Los Angeles, Calif.

With Wis. Geol. Survey and U. S. Soil Survey, 1909-10; present position, 1924-. —*b.* Ft. Plain, N. Y., Nov. 23, 1883; *s.* Goodsell and Alice (Rice) S.; reared in country; *m.* May D. Moberg, Oct. 21, 1911; *c.* Everett Goodsell, Roland Vincent, Robt. Pershing. B.S., St. Lawrence Univ., 1908; M.S., Univ. Chicago, 1909; student Univ. Wis., Univ. Calif. Sigma Alpha Epsilon.

Spreiter, W. E., co. agrl. agt., Onalaska, Wis.

Instr. carpentry and forge, Mich. Agr. Coll., 1905-6; teach. farm mech. and agr., high-sch., McIntosh, Minn., 1906-7; LaCrosse Co. Agrl. Sch., 1909-17; present position, 1917-. —*b.* Concord, Minn., Sept. 6, 1879; *s.* Leonard and Elsbeth (Stucky) S.; reared on farm; *m.* Ethel Hall, Oct. 11, 1911; *c.* Wilbur Walter. Grad. Univ. Minn., 3-yr. course, 1902.

Sprenkle, Philip H., co. agrl agt., Doylestown, Pa.

Instr. agr., high-sch., Kittanning, Pa., Apr.-Oct. 1918; co. agrl. agt., Uniontown, 1918-21; Doylestown, 1921-. (Live-stock). —*b.* Bair, Pa., Nov. 16, 1897; *s.* Albert H. and Nettie (Hamme) S.; reared on farm. B.S., Penn. State Coll., 1918. Alpha Gamma Rho.

Spring, Samuel N., prof. for., Cornell Univ., Ithaca, N. Y.

Prof. for. and head dept., Univ. Me., 1903-5; U. S. For. Serv., 1905-9, as for. asst., asst. for. insp., chief Off. For. Ext.; Conn. state for. and for., Conn. Exp. Sta., 1909-12; present position, 1912-. Mem. special comn. on taxation of woodlands, Conn., 1911; for. com., 5th Conservation Congress, 1913; com. on terminology, Soc. of Amer. For., 1916-7. Lect. Yale Univ. Sch. For., 1910-2, 1917. Y. M. C. A. serv. in France, 1918-9. —*b.* Sioux City, Ia., Feb. 5, 1875; *s.* Winthrop N. and Ellen E. (Newton) S.; reared in town; *m.* Adah E. Bowman, Nov. 29, 1900; *c.* Ernest Walker, John Bowman, Samuel Gardiner, Chas. Peter. B.A., Yale Univ., 1898; M.F., 1903.

Springer, Charles, cattleman and farmer, lawyer, Cimarron, N. Mex.

Pres. Chas. Springer Cattle Co., breeders Hereford cattle; pres. Cimarron Valley Land Co., owners Eagle Nest Reserve and Irrig. System; chm. bd. dirs., St. Louis, Rocky Mt. & Pacific Co. (coal and coke); pres. Bd. of Water Comnrs. of N. Mex.; pres. State Highway Comn.; chm. exec. com. and field sec., N. Mex. Council Defense, 1917-20; mem. Constitutional Convention, N. Mex., 1911. —*b.* Louisa Co., Ia., Dec. 19, 1857; *s.* Francis and Nancy A. (Coleman) S.; reared on farm; *m.* Mary Loraine Chase, July 1899. Student Baptist Coll., Burlington, Ia., Ia. State Univ.

Sprout, Clarence David, co. agrl. agt. Meadville, Pa.

Served in U. S. Army. (Dairy husb.). —*b.* Montrose, Pa., June 15, 1892; *s.* E. Burton and Clara (Fancher) S.; reared on farm. B.S., Penn. State Coll., 1917.

Spurway, Charles Henry, res. assoc. in soils, Mich. State Coll., E. Lansing, Mich.

b. Watford, Ont., Feb. 26, 1883 (naturalized 1904); *s.* Thos. and Sarah (Large) S.; reared on farm; *m.* Minnie Augusta Rie, Dec. 29, 1909; *c.* Thos. Henry, Harold, Ray. B.S., Mich. Agr. Coll., 1909; M.S.A., 1914. Alpha Zeta.

Squires, John Houston, dir. personnel div., E. I. du Pont de Neuemours & Co., Wilmington, Del.

Prof. agron., N. Mex. A. & M. Coll., 1909-11; manag. sales promotion div. and agron., E. I. du Pont de Neuemours & Co., 1911-8; dir. personal div., 1918-. *Ed.*, Vertical Farming, 1915-7; manag. ed., DuPont Magazine, 1918. —*b.*

Union Co., N. C., Jan. 19, 1882; *s.* J. B. and Mary A. (Stevens) S.; reared on farm. B.S., Va. Poly. Inst., 1905; M.S., 1906; Ph.D., Cornell Univ., 1909.

Stacy, William Homer, ext. assoc. prof. rural organization, Ia. State Coll., Ames, Ia.

Asst. emergency dem. agt. leader, Ia. State Coll., 1917-8; agrl. agt. Hamilton Co., 1918; asst. co. agt. leader, Ia. State Coll., 1919-21; present position, 1922-. Sec. Ia. Farmers Debate Council. —*b.* Stacyville, Ia., June 3, 1894; *s.* Asa I. and Mary Olidia (Fonda) S.; reared on farm. B.S.A., Ia. State Coll., 1917; M.S., Cornell Univ., 1922. Alpha Sigma Phi.

Staebner, Frederic Emerson, assoc. drainage engin., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Drainage engin., Fla. run-off, 1916-9; drainage and irrig. designing, E. U. S., 1919-22; expl. irrig. and drainage of sugar cane lands, S. La., 1922-4. —*b.* Westfield, Mass., May 14, 1886; *s.* Frederick W. and Anna Porter (Emerson) S.; *m.* Florence Moulton Lane, Dec. 27, 1916; *c.* Margaret Moulton. A.B., Harvard Univ., 1908. Alpha Phi Sigma.

Stafford, Bert, farmer and swine breeder, Shelbyville, Ind.

Ed. and manag., National Poland China Journal. —*b.* Shelbyville, Ind., Jan. 13, 1866; *s.* John C. and Sarah (Monroe) S.; reared on farm; *m.* Floy Dickman, July 16, 1891; Lova Marie, Frances LaVerne.

Stafford, Ethelbert Withrow, assoc. prof. zool. and ent., Miss. A. & M. Coll., Agricultural College, Miss.

Asst., Univ. Minn., 1909-11; field work, N. J. Exp. Sta., 1911; hort. insp., Okla., 1912; on Pa. Chestnut Tree Blight Comn., 1913; hort. insp., Ill., 1914-7; present position, 1917-. (Scale insects). —*b.* Toronto, Ont., Oct. 26, 1887; *s.* Ezra Hurlburt and Ella (Withrow) S.; reared in city; *m.* Grace Kelly, Mar. 30, 1910; *c.* Grace Withrow. B.S.A., Ont. Agr. Coll., 1909; M.S., Miss. A. & M. Coll., 1914.

Stafford, Irving Boynton, assoc. prof. pom., Joseph Slocum Coll. of Agr., Syracuse Univ., Syracuse, N. Y.

Manag. Alderbrook Fruit Farm, Tolland, Mass., 1919; instr., Syracuse Univ., 1920-1; asst. prof. pom., 1921-5; assoc. prof., 1925-. Private, U. S. Army, World War. —*b.* Fall River, Mass., Nov. 17, 1898; *s.* Edward S. and May (Wood) S.; reared in country; *m.* Ruth Button, Aug. 16, 1924. B.Sc., Mass. Agr. Coll., 1919; M.Sc., Syracuse Univ., 1923. Sigma Xi; Phi Kappa Phi.

Stafford, R. W., teach. voc. agr., high-sch., Mexia, Tex.

Sec. voc. agr. div., State Teach. Assoc. —*b.* Yoakum, Tex., Mar. 11, 1901; *s.* Will and Mattie S. (col.); reared on farm. B.S., Prairie View Coll.

Stafseth, Henrik J., assoc. prof. and res. assoc. bact. Exp. Sta., Mich. State Coll., E. Lansing, Mich.

Instr. bact. and immunology, Mich. Agr. Coll., 1917-9; asst. prof., 1919-21; assoc. prof., 1921-. 1st Lieut. Vet. Corps, U. S. Army, 1918-9. (Infectious diseases of live-stock). —*b.* Aalesund, Norway, Nov. 8, 1890 (naturalized 1918); *s.* Knut and Marie (Langseth) S.; reared in country; *m.* Inger Nordheim, Apr. 4, 1917; *c.* Henrik Ekroll. B.S., N. D. Agr. Coll., 1915; D.V.M., Mich. Agr. Coll., 1917. Phi Kappa Phi; Alpha Psi.

Stahl, Corwin Floyd, asst. ent., Trop. Plant Res. Foundation, Ingenio Jobabo, Jobabo, Cuba.

Formerly sci. asst. truck crop insect invests., U. S. Dept. Agr., Riverside, Calif. —*b.* McCool, Ind., Sept. 26, 1889; *s.* Martin L. and Addie (Devol) S.; reared in town; *m.* Frances Goodell, 1913; *c.* Roberta Frances, Barbara Betty. B.S., Pomona Coll., 1911.

Stahl, John Meloy, pres. Farmers Nat. Life Insurance Co., 3401 S. Michigan Ave., Chicago, Ill.

Ed. Ill. Farmer and Farmer's Call, 1881-1916; farmer and lect. at farmers meetings; leader in good roads move-

ment; sec. Farmers Nat. Congress, 1893-1905, pres., 1905-8, legislative agt., 1908-14; pres. League for Rural Welfare; pres. Drama League, 1920-1; pres. Soc. Midland Authors, 1919-22; pres. Allied Arts Assoc. Traveled in Europe, 1888, 1900, 1903. *Auth.*: The Real Farmer, 1908; Just Stories, 1916; The Battle of Plattsburg, 1918; Invasion of the City of Washington, 1918; Battle of New Orleans, 1924. —*b.* Mendon, Ill., Aug. 24, 1860; *s.* Elias and Elizabeth (Nutzelle) S.; reared on farm; *m.* Mary Chouteau Platt, June 25, 1900; *c.* Mary Edith, Chouteau Platt.

Stakman, Elvin C., prof. and head sect. plant path., Univ. Minn., University Farm, St. Paul, Minn.

Instr. plant path., Univ. Minn., 1909-13; asst. prof., 1913-6; assoc. prof., 1916-8; prof., 1918-; head sect. plant path., Exp. Sta., 1913-. In chg. barberry eradication campaign, U. S. Dept. Agr., 1918; path. and agt. in chg. rust epidemiology studies, U. S. Dept. Agr. in coop. with Univ. Minn.; agt. Off. Cereal Invests., U. S. Dept. Agr.; mem. War Emergency Bd., Amer. Plant Path., 1918; mem. council Phytopath. Soc., 1916-7, vice-pres. 1920, pres. 1922. *Joint ed.*, Phytopathology. —*b.* Algoma, Wis., May 17, 1885; *s.* Frederick and Emelie (Eberhardt) S.; reared in village; *m.* Louise Jensen, 1917. B.A., Univ. Minn., 1906; M.A., 1910; Ph.D., 1913. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Gamma Sigma Delta.

Staley, Frank Marcellus, dir. dept. agr. and itinerant teacher-trainer, S. C. State Coll., Orangeburg, S. C.

Chg. agrl. chem. and dairy ind., S. C. State Coll., 1915-7; teach. chem. and agr., Tuskegee Inst., Ala., 1917-9; teacher-trainer Smith-Hughes agr., S. C. State Coll., 1919-20; present position, 1920-. Sec. S. C. State Collegiate Country Life Club. —*b.* Americus, Ga., Dec. 11, 1890; *s.* Alfred Samuel and Ella (Jordan) S. (col.); reared on farm. A.B., Morehouse Coll., Atlanta, Ga., 1912; B.S., Cornell Univ., 1915.

Stallard, John Earl, farmer, Waukesha, Wis.

Farmer, Edgerton, Wis., 1 yr.; farm manag., Madison, 2 yrs.; ext. work for Amer. Guernsey Cattle Club, Peterboro, N. H., 1 yr.; agrl. agt. Waukesha Co., Wis., 1917-21; breeder Guernsey cattle, 1922-. Advertising manag., Wis. Country Magazine; asst. ed., Guernsey Breeders' Journal, 1 yr. (Dairy cattle, farm manag.). —*b.* Fairchild, Wis., Oct. 9, 1889; *s.* J. E. and Libbie (Simons) S.; reared in town and on farm; *m.* Mary A. Wilson, Nov. 25, 1916. B.S.A., Univ. Wis., 1914. Alpha Zeta.

Stallings, James Henry, assoc. prof. agron., Tex. A. & M. Coll., College Station, Tex.

Agrst. and farm dir., Franklin Co. Agrl. High-Sch., Meadville, Miss., 1914-6; asst., Ala. Exp. Sta., summer 1916; teaching fellow, Ia. State Coll., 1917-9; asst. prof. farm crops and soils, 1919-20; present position, 1920-. In U. S. Army, 1918-9. (Soil fert.). —*b.* Bryan, Tex., Sept. 20, 1892; *s.* W. D. and Emma Elizabeth S.; reared on farm. B.S.A., Tex. A. & M. Coll., 1914; M.S., Ia. State Coll., 1917.

Stallings, Leland Stanford, co. agrl. agt., Breckenridge, Minn.

Agrst., Goshen Coll., Ind., summer 1913; dir. agr., high-sch., Stewart, Minn., 1913-4; Breckenridge, 1914-7; Blue Earth, 1917-8; present position, 1918-. Sec. Wilkin Co. Agrl. Soc. and Fair Assoc., 1919-24; sec.-treas. Wilkin Co. Nat. Farm Loan Assoc., 1919-24. —*b.* Alhambra, Ill., May 30, 1890; *s.* Thos. and Mary Louisa (Pearce) S.; reared on farm; *m.* Esie Marion Ahlers, Dec. 28, 1915; *c.* Marion Pearce, Leland Stanford, Thos. Allyn. B.S., Univ. Ill., 1913.

Stanford, Howard Russell, head dept. bot. and plant path., Chaffey Jr. Coll., Ontario, Calif.

Asst. hort., Univ. Ill., 1908-9; farmer Livingstone Co., Ill., 1909-14; assoc. hort., Univ. Ill., 1914-20; present position, 1920-. —*b.* Chatsworth, Ill., Nov. 7, 1884; *s.* Wm. S. and Lucy E. (Hutchinson) S.; reared on farm; *m.* Dorothy M. Inness, Dec. 24, 1908; *c.* Doris J., Helen L., John H. B.S., Univ. Ill.,

1908; M.S., 1920. Sigma Xi; Alpha Zeta.

Stange, Charles H., dean and dir. vet. div., Ia. State Coll., Ames, Ia.

Asst. prof. vet. sci., Ia. State Coll., 1907-8; assoc. prof., 1908; dean vet. div., 1909-; dir. vet. invest., 1913-; dir. State biol. lab., 1913-. —*b.* Cedar Co., Ia., May 21, 1880; *s.* C. and Sophie (Richmann) S.; reared on farm; *m.* Harriet N. Beyer, Oct. 20, 1909; *c.* Elizabeth Jane. D.V.M., Ia. State Coll., 1907. Phi Kappa Phi.

Stangel, Wenzel Louis, prof. an. husb., Tex. A. & M. Coll., College Station, Tex.

Instr. an. husb., Texas A. & M. Coll., 1916-8; assoc. prof. in chg. horses, 1918-20; prof. in chg. horses, 1920-3; prof. in chg. hogs, 1923-. Served in U. S. Army, 1917-8. —*b.* Stangelville, Wis., Aug. 16, 1890; *s.* John J. and Anne (Seidelglanz) S.; reared on farm and in city. B.S., Tex. A. & M. Coll., 1915; A.M., Univ. Mo., 1916. Gamma Sigma Delta.

Stanley, Ernest Brooke, assoc. prof. an. husb., Univ. Ariz., Tucson, Ariz.

Instr. an. husb., Univ. Ariz., 1920-1; asst. an. husb., 1921-3; acting, 1923-4; present position, 1924-. 2d Lieut. Inf., U. S. Army, World War. —*b.* Corvallis, Mont., July 14, 1897; *s.* Edwin James and Lulu Lee (Brooke) S.; reared on farm; *m.* Ruth Prina, Nov. 29, 1923. B.S., Mont. State Coll., 1919; M.S., Ia. State Coll., 1923. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi; Sigma Alpha Epsilon.

Stanley, Leo R., teach. agr., high-sch., Benton Harbor, Mich.

Instr. agr., high-sch., Colon, Mich., 1916-7; Sturgis, 1919-21; Benton Harbor, 1921-. Pres. Mich. Soc. for Promotion of Agrl. Teaching, 1924. 2d Lieut. Inf., U. S. Army, 1917-8. (Hort.). —*b.* Maple City, Mich., Feb. 27, 1891; *s.* Elwood and Loretta (Chance) S.; reared on farm and in town; *m.* Jane F. Cole, June 14, 1921; *c.* Robt. E. B.S., Mich. Agr. Coll., 1916. Alpha Zeta.

Stanley, Louise, chief Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Instr. home econ., Univ. Mo., 1907-11; asst. prof., 1911-3; assoc. prof., 1913-8; prof., 1918-23; chm. dept., 1910-23; present position, 1923-. Del. to Intern. Conference of Home Econ. Teaching, Ghent, Belgium, 1913. (Chem. of foods). —*b.* Nashville, Tenn., June 8, 1883; *d.* G. A. and Eliza Monroe (Winston) S.; reared on farm. B.S., Univ. Nashville, 1903; B.Ed., Univ. Chicago, 1906; M.A., Columbia Univ., 1907; Ph.D., Yale Univ., 1911. Pi Lambda Theta.

Stanley, Rufus, co. club agt., Elmira, N. Y.

Dir. agr., public schs., Elmira, 9 yrs.; dir. Omega Boys Club farm, 23 yrs. Ex-dir. Chemung Co. Agrl. Soc. —*b.* Jonesville, Mich., Oct. 14, 1859; *s.* H. L. and Cornelia (Miner) S.; reared in town; *m.* Charlotte Rose, June 21, 1892; *c.* Alfred H.

Stanton, Stephen T., teach. voc. agr., high-sch., S. Dayton, N. Y.

b. Cohocton, N. Y., Sept. 13, 1899; *s.* Corel P. and Elva (Winchcomb) S.; reared on farm. B.S., Cornell Univ., 1923. Alpha Zeta.

Stanton, Thomas Ray, agron., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. agron., Md. Exp. Sta., 1911; sci. asst. in chg. cereal invests., Arlington Farm, Va., 1912-4; sci. asst. in oat invests., U. S. Dept. Agr., 1915-9; asst. agron. in oat invests., 1920; agron. in oat invests., 1921; agron. in chg. oat invests., 1922-. —*b.* Grantsville, Md., Sept. 23, 1885; *s.* Wm. T. and Anna (Durst) S.; reared on farm; *m.* Pearl Marguerite Gude, Oct. 23, 1913; *c.* Wm. Alexander. B.S.A., Md. Agr. Coll., 1910; M.S. Univ. Md., 1921.

Staples, Charles Henry, prof. dairying, La. State Univ., Baton Rouge, La.

In chg. dairy dept. and ext., La. State Univ., 1913-. Pres. and sec. La. Jersey Cattle Club; dir. Amer. Jersey Cattle Club, 1925-; supt. cattle div., La. State Fair, 1912-24. —*b.* Downsville,

La.; *s.* J. B. and Cindrella Hester S.; reared on farm. B.S., La. State Univ., 1911. Kappa Sigma.

Staples, Parkman Fisher, farm manag., E. Holliston, Mass.

Hort., Baron de Hirsch Agrl. Sch., 1905-7; farmer, N. Grafton, Mass., 1907-11; manag. Wauwinit Farms, W. Newton, 1911-3; manag. Stannox Farm, Sherborn, 1913-. Mem. Bd. Selectman, Bd. Health, Bd. Registration, Sherborn, 1917-; local rep. Middlesex Co. Farm Bur., 1915-. (Dairy cattle). —*b.* Westboro, Mass., Sept. 10, 1881; *s.* Henry D. and Annie (Fisher) S.; reared on farm. B.S., Mass. Agr. Coll., 1904. Alpha Sigma Phi.

Starcher, George Columbus, consulting hort., Opelika, Ala.

Asst. prof. hort., Va. Poly. Inst. and Exp. Sta., 1910-5; assoc. prof., 1915-7; prof. hort. and state hort., Ala. Poly. Inst., 1917-22. Sec. W. Va. State Poultry Assoc. Practical fruit-grower, 7 yrs. —*b.* Weston, W. Va., June 17, 1880; *s.* Wm. Stockton and Rebecca Elizabeth (Lawson) S.; reared on farm; *m.* Lillian Ballard Smith, Oct. 16, 1911; *c.* Geo. C. Jr., Lillian Louise, Wm. Lawson. B.Agr., W. Va. Univ., 1910. Sigma Nu.

Stark, Elsie, exec. sec. Cent. O. Dairy Council, Grand Theatre Bldg., Columbus, O.

Formerly home dem. agt., Bismarck, N. D. —*b.* Glen Ullin, N. D., Mar. 10, 1893; *s.* Geo. A. and Anna J. (Knox) S.; reared on farm and in town. B.S., N. D. Agr. Coll., 1915. Phi Upsilon Omicron; Phi Kappa Phi.

Stark, James Albert, teach. voc. agr., high-sch., Kenedy, Tex.

Teach. voc. agr., Dexter, N. Mex., 1922; Spearman, Tex., 1923; Tahoka, 1924; Kenedy, 1925-. —*b.* Blairstown, Mo., May 14, 1896; *s.* Albert Preston and Nannie Ann (Carrington) S.; reared on farm; *m.* Jewell Lee, June 2, 1923; *c.* Jas. Albert Jr. B.S., Tex. A. & M. Coll., 1921.

Stark, Paul Clarence, treas. Stark Bros. Nurseries & Orchards Co., Louisiana, Mo.

Pres. Amer. Pom. Soc., 1924-. Invest. nursery conditions of France. *Auth.:* Stark Orchard Book, 1912; Stark Orchard and Spray Book, 1914; Secrets of Ornamental Planting, 1916; Manual of Modern Orchard Practice, 1924. *Assoc. ed.,* American Fruit Grower. —*b.* Louisiana, Mo., July 20, 1891; *s.* Clarence McDowell and Lilly (Crow) S.; reared in town and on farm; *m.* Theodosia Barnett, Sept. 6, 1916; *c.* Paul C. Jr., Theodosia, Helen, Georgette. B.S.A., Cornell Univ., 1912. Alpha Tau Omega.

Starr, Chester G., manag. BX Ranch, Pueblo, Colo.

Asst., Purdue Univ., 1914-7; assoc. in chg. an. husb. expl. work. 1917-8; agrl. agt. Tazewell Co., Ill., 1918-22. —*b.* Carey, O., Feb. 9, 1885; *s.* Jas. H. and Hattie L. (Gibbs) S.; reared on farm; *m.* Nettie Glore, Feb. 7, 1912; *c.* Chester G. Jr. B.S., Univ. Mo., 1906.

Starr, Silas Henry, dir. Coastal Plain Exp. Sta., Tifton, Ga.

Asst. princ. and princ. Bolton Coll. Agrl. High-Sch., Brunswick, Tenn., 1910-3; instr. agron. and adj. prof. farm manag., Univ. Ga., 1914-9; present position, 1919-. —*b.* Starrsville, Ga., Apr. 3, 1888; *s.* J. A. and Mattie (Elliott) S.; reared on farm. B.S.A., Univ. Ga., 1910.

Starring, Clarence Cecil, asst. prof. hort., Mont. State Coll., Bozeman, Mont.

b. Rossville, Ia., Aug. 29, 1887; *s.* Geo. H. and Lida Fox (Tedman) S.; reared in town; *m.* Gertrude Schwalbe, 1916; *c.* Gertrude Janet. B.S., S. D. State Coll., 1911; M.S., Univ. Calif., 1923. Sigma Xi.

Starring, George Arthur, specialist in rural organization, S. D. State Coll., Brookings, S. D.

Instr. high-sch., Sioux City, Ia., 1909-10; prof. commerce, S. D. State Coll., 1910-2; prof. agrl. journalism, 1912-20; dir. publicity, State Bd. Agr., 1911-6; asst. manag. Agrl. Publishers Assoc., Chicago, 1920; dir. publicity, S. D. Farm Bur. Fed., 1921; sec.-manag., 1921-4; present position, 1924-. Mem.

European invest. com., Amer. Farm Bur. Fed., 1923. —*b.* Princeton, Ill., July 13, 1882; *s.* Geo. H. and Lida Fox (Tedman) S.; reared in town and country; *m.* Grace June Martin, July 1910; *c.* Geo. Martin, Mary Jane. A.B., Huron Coll., 1907; grad. student Univ. Chicago, 1 yr.

Staunton, Clarence Chapin, co. agrl. agt., Court House, Ventura, Calif.

Foreman grain farm, 1905-6; soil expert, W. Indies, Cent. Amer., 1908-9; orchard supt., Ida., Wash., Calif., 1910-7; hort. comnr., San Luis Obispo, Calif., 1918; agrl. agt. Ventura Co., 1918-. (Hort.). —*b.* LeRoy, N. Y., Feb. 23, 1883; *s.* Phineas Peck and Mary Josephine (Chapin) S.; reared on farm and in city; *m.* Marguerite Emlen Hanrahan, Jan. 20, 1917; *c.* Dorothy Lee. B.S., Cornell Univ., 1908.

Steanson, Oscar, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. voc. agr., high-sch., Abilene, Kans., 1921; present position, 1922-. 1st Lieut. Inf., U. S. Army, 1917-8. —*b.* Oklahoma City, Okla., Mar. 25, 1895; *s.* Halvor and Johanna (Olson) S.; reared on farm. B.S.A., Kans. State Agr. Coll., 1920. Phi Kappa Delta; Alpha Zeta.

Stebbins, Murray Edgar, co. agrl. agt., Glasgow, Mont.

b. Pine Isl., Minn., Sept. 3, 1887; *s.* C. L. and Minnie Jane S.; reared on farm; *m.* Minnie J. Stebbins, Sept. 3, 1912; *c.* Mern Parkin, Clifton Lyle. B.S., N. D. Agr. Coll., 1916. Phi Kappa Phi; Alpha Zeta.

Stedman, John Moore, agrst., Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Instr. ent. and invert. zool. and asst. ent. Exp. Sta., Cornell Univ., 1888-90; biol., U. S. Dept. Agr., 1890-1; prof. biol., Trinity Coll., Durham, N. C., 1891-3; prof. biol. and biol. Exp. Sta., Ala. Poly. Inst., 1893-5; prof. ent. and ent. Exp. Sta., Univ. Mo., 1895-1909; with U. S. Dept. Agr., 1909-. Traveled in trop. Amer., Europe, Asia, Africa. —*b.* Brockport, N. Y., Nov. 2, 1864; *s.* Geo. L. and Mary (Moore) S.; reared in village; *m.* Edith Van Aiken, July 1, 1888; *c.* Barbara Mary, Lulu Rachel. B.S., Cornell Univ., 1888. Sigma Xi.

Steece, Henry M., specialist in agron., Off. Exp. Stas., U. S. Dept. Agr., Washington, D. C.

Cotton and corn invests., Bur. Plant Ind., U. S. Dept. Agr., 1914-7, 1919-20; present position, 1920-. Served in U. S. Army, 1917-9. Field crops ed., Exp. Sta. Record, 1920-. —*b.* Burlington, Ia., July 1, 1892; *s.* Emmet A. and Amelia S.; reared on farm and in city; *m.* Edith Winifred Stadden, July 1, 1921; *c.* Henry Emmet, Helen Winifred. B.S., La. State Univ., 1913; M.A., Geo. Washington Univ., 1922.

Steele, Lawrence John, general manag. Potato Growers Coop. Assoc., 29½ Sumner Park, Rochester, N. Y.

Teach. agr., Holley high-sch., N. Y., 1915-7; formerly agrl. agt. Orleans Co. —*b.* Bergen, N. Y., June 22, 1891; *s.* John N. and Myrtle P. (Bowers) S.; reared on farm; *m.* Marjorie G. Hatch, Aug. 1, 1918. B.S., Cornell Univ., 1915. Alpha Gamma Rho.

Steelman, Lloyd Wesley, poultry specialist, Penn. State Coll., State College, Pa.

Superv. agr., public schs., Atlantic City, N. J., Apr.-Aug. 1917; sci. asst., poultry dept., Bur. An. Ind., U. S. Dept. Agr., 1917-8; present position, 1919-. In Sanitary Corps, U. S. Army, 1918-9. —*b.* Newtown, O., Aug. 16, 1894; *s.* Wesley and Mary (Meyers) S.; reared on farm. B.S., Cornell Univ., 1917; M.S., 1919.

Steen, Herman, sec.-treas. Ind. Wheat Growers Assoc., 16 N. Senate Ave., Indianapolis, Ind.

Farm ed., Des Moines Register, 1915-6; managing ed. Prairie Farmer, 1916-23; sec. Nat. Wheat Growers Adv. Com., 1923-4; present position, 1924-. *Auth.*: Cooperative Marketing: The Golden Rule in Agriculture, 1923. —*b.* Menlo, Ia., May 28, 1893; *s.* Frederick D. and Mary P. (McCune) S.; reared

on farm; *m.* Georgia V. Springer, Dec. 19, 1918; *c.* Ronald, Carol. B.S., Ia. State Coll., 1914. Alpha Zeta; Sigma Delta Chi.

Steenbock, Harry, prof. agrl. chem., Univ. Wis., Madison, Wis.

Asst. agrl. chem., Univ. Wis., 1908-10; instr., 1910-2, 1913-6; asst. prof., 1916-7; assoc. prof., 1917-9; prof., 1919-. Traveled Europe and Mexico. —*b.* Charleston, Wis., Aug. 16, 1886; *s.* Henry and Christine (Oesau) S.; reared on farm. B.S., Univ. Wis., 1908; M.S., 1910; Ph.D., 1916; studied Berlin Univ. and Yale Univ. Sigma Xi; Phi Sigma Kappa; Alpha Zeta; Gamma Alpha; Alpha Chi Sigma; Phi Lambda Upsilon.

Steffen, Edwin Herman, assoc. prof. and head dept. for., Wash. State Coll., Pullman, Wash.

With U. S. Forest Serv., 1913-9; present position, 1919-. Mem. State For. Policy Com. —*b.* Storm Lake, Ia., Dec. 18, 1889; *s.* H. H. and Marie (Klessig) S.; reared in town; *m.* Marie F. Mitchell, Aug. 1, 1918; *c.* Thos. Edwin. B.S., Ia. State Coll., 1913; M.F., 1922. Alpha Tau Omega; Gamma Sigma Delta.

Steinel, Alvin Theodore, specialist in rural development, Colo. Agr. Coll., Fort Collins, Colo.

Manag. ed., Wichita, Kans., Beacon, 1903-4; ed. St. Joseph, Mo. Star, 1905-6; city ed., Rocky Mt. News, Denver, 1907; ed., The Southwest Trail, Chicago, 1911-2; general immigration agt., Chicago, Rock Island and Pacific Ry., 1913-4; manag. ed. Western Farm Life, Denver, 1915-21; present position, 1921-. (Dry-farming). —*b.* Burlington, Wis., Mar. 26, 1878; *s.* Conrad Michael and Marie Sibilla (Schreiber) S.; reared on farm and in town; *m.* Dora Elizabeth Gross, Oct. 20, 1901; *c.* Loyal Matthew.

Steiner, Christian D., supt. schs. and teach. voc. agr., high-sch., and farmer, Pandora, O.

Teach. rural schs., O., 1897-1910; asst. agrl. ext., Ohio State Univ., 1910-1; state club leader, Kans. State Agr. Coll., 1912-3; prof. agrl. educ., Univ. Utah, 1913-9; prof. rural educ., 1919-22; present position, 1922-. Sec. Kans. Crop Improvement Assoc., 1912-3. —*b.* Orrville, O., July 30, 1876; *s.* Ulrich and Catherine (Holser) S.; reared on farm; *m.* Margaret Krohn, Aug. 21, 1904; *c.* Margery, Richard. B.S., Ohio State Univ., 1912.

Steiner, Wesley E., superv. agr., in public schs., Monrovia, Calif.

b. Bluffton, O., Sept. 19, 1885; *s.* Sem. P. and Barbara (Burkholder) S.; reared on farm; *m.* Anne Edwina Smith, June 1917; *c.* Edwin Harry, Wesley Elwood, Anne Barbara. B.A., Miami Univ., 1913. Phi Kappa Tau.

Stelzenmuller, George Vaughn, rehabilitation asst., U. S. Veteran's Bur., Bay Minette, Ala.

Field agt. hort., Ala. Exp. Sta., 1913-6; agt. Baldwin Co., 1916-22; present position, 1923-. —*b.* Point Clear, Ala., Oct. 23, 1887; *s.* Wm. and Mary Alice (Street) S.; reared on farm; *m.* Alma Bertha Herdler, June 16, 1915; *c.* Geo. V. Jr., Ruth E. B.S., Ala. Poly. Inst., 1913. Phi Kappa Phi.

Stemmons, Walter, agrl. ed., Conn. Agr. Coll., Storrs, Conn.

Manag. ed., Joplin News Herald, Mo., 1909-10, 1912; ed. publications, Okla. A. & M. Coll., 1913-8; present position, 1918-. —*b.* Avilla, Mo., Dec. 17, 1884; *s.* J. B. and Margaret (Campbell) S.; reared on farm; *m.* Lora Davis, Nov. 25, 1909; *c.* Ralph, Robt. B.S., Univ. Mo., 1912.

Stemple, Forrest Wilbur, farmer and supt. Union Distr. High-Sch., Aurora, W. Va.

Teach. W. Va. Normal, W. Liberty, 1908-9; asst. princ. high-sch., Morgantown, 1909-11; head sci. dept., W. Va. Univ. Preparatory Branch, Montgomery, 1911-3; instr. agron., Ohio State Univ., 1914-6; prof. agron. and agron. Exp. Sta., W. Va. Univ., 1916-9. *Joint auth.*: Laboratory Manual Cereal and Forage Crops, 1915. —*b.* Aurora, W. Va., Dec. 10, 1881; *s.* D. C. and Ida (Trotter) S.; reared on farm; *m.* Grace Townsend, 1909; *c.* Alice Elizabeth,

Margaret Ida, David Townsend. A.B., W. Va. Univ., 1908; M.S., Univ. Wis., 1914. Phi Kappa Psi.

Stene, Andrew Edward, state ent. and dir. ext. serv., R. I. State Coll., Kingston, R. I.

Princ. schs., Ashby, Minn., 1898-1901; asst. hort., R. I. State Coll., 1903-4; supt. ext. dept., 1904-14; dir. ext. serv., 1914-; nursery insp., R. I. State Bd. Agr., 1903-10; supt. gypsy and brown-tail moth work, 1906-10; state ent., 1910-. Contr. to Book of Rural Life. —*b.* Ashby, Minn., Aug. 14, 1872; *s.* John and Mary (Efskind) S.; reared on farm; *m.* Edith Lincoln Kennison, Aug. 15, 1911; *c.* Ruth Mary, John Kennison, Edward Lincoln, Edith Harriet. B.S.A., Univ. Minn., 1897; M.S.A., Cornell Univ., 1902. Phi Kappa Phi.

Stephen, William Frank, sec.-treas. Canadian Ayrshire Breeders Assoc., Huntingdon, Que.

Sec. Montreal Milk Producers Assoc., 1901-20; rep. agr., Canadian Council of Health; mem. Live Stock Record Com.; corresponding ed. Farm and Dairy, 1909-12; ed. Canadian Ayrshire Review. —*b.* Trout River, Que., May 28, 1863; *s.* Jas. and Margaret (Wattie) S.; reared on farm; *m.* Janet Macfarlane, 1897 (d. 1910); 2d, Laura Rose, Dec. 30, 1911; *c.* Jean Margaret, Wm. Rose.

Stephens, David Edmund, supt. Cereal Field Sta., Moro, Ore.

Instr., Utah Agr. Coll., 1906-7; asst. prof., 1908-9; exec. asst., U. S. Dept. Agr., 1909-12; supt. field sta., 1912-. —*b.* Malad, Ida., May 15, 1879; *s.* Thos. and Emma (Morgan) S.; reared on farm; *m.* Kate Izatt, 1906; *c.* Edmund, Thos., Emmajean, Janet. B.S., Utah Agr. Coll., 1904.

Stephens, Leon M., teach. voc. agr., high-sch., Albion, N. Y.

In hardware business, 1909-13; farm manag., Brooklyn Orchard Assoc., 1913-8; present position, 1918-. Vice-pres. Assoc. Agrl. Teach. of N. Y. (Pom.). —*b.* Brooklyn, Pa., Nov. 10, 1881; *s.* Conner L. and Frances Louise (Yeomans) S.; reared on farm; *m.* Ruby Irene Hall, Sept. 1, 1909; *c.* Janette, Frances, Conner. Student Penn. State Coll., Cornell Univ.

Stephens, Paul, ed. American Farming, 537 S. Dearborn St., Chicago, Ill.

Journeyman printer, 1900; city ed. Independent, Murphysboro, Ill., 1905-6; city ed. Republican-Era, Murphysboro, 1908-9; city ed. Durant News, Okla., 1909; telegraph ed., Dallas Morning News, Dallas, Tex., 1909-10; ed. Daily Democrat, Durant, Okla., 1910; special writer for papers, 3 yrs.; city ed. Daily Gazette, Champaign, Ill., 1913-6; ed. American Farming, 1916-. *Auth.*: How Millions are spent to Produce Billions. —*b.* Murphysboro, Ill., Dec. 31, 1879; *s.* Richard J. and Adeline Mary (Gall) S.; reared in town; *m.* Elizabeth L. Armm, Feb. 19, 1900; *c.* Pauline E., Edith M., John E., Paul D.

Stephenson, Richard S., assoc. prof. an. husb., Ia. State Coll., Ames, Ia.

Instr., Purdue Univ., 1916-8; assoc. prof., Man. Agr. Coll., 1918-9; present position, 1919-. —*b.* Somers, Ia., Feb. 4, 1887; *s.* J. R. and Millie (Hutchinson) S.; reared on farm; *m.* Ona Barber, Sept. 27, 1917; *c.* Jas. Robt., Richard Barber. B.S., Ia. State Coll., 1915; M.S., 1916. Alpha Gamma Rho; Gamma Sigma Delta.

Stephenson, Roscoe Elmo, assoc. prof. soils, Ore. Agr. Coll., Corvallis, Ore.

Res. chem. in soils, Ia. State Coll., 1918-9; asst. chem., Univ. W. Va., 1919-20; soil ext. specialist, Univ. Ky., 1920-3; present position, 1923-. (Soil fert.). —*b.* Campbellsburg, Ind., Nov. 15, 1885; *s.* J. L. and Hattie (Martin) S.; reared on farm; *m.* Kathleen Bingham, Nov. 29, 1920; *c.* Graham Martin. B.S., Purdue Univ., 1915; M.S., Univ. Ill., 1917; Ph.D., Ia. State Coll., 1920. Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta; Phi Lambda Upsilon; Acacia.

Stevens, Alva True, prof. gardening, Conn. Agr. Coll., Storrs, Conn.

Asst. agr., Mich. Agr. Coll., 1893-5; prof. agr. and hort., A. & M. Coll. for colored race of N. C., Greensboro, N. C., 1895-8; fruit-grower, 1898-1906;

instr. hort., Conn. Agr. Coll., 1907-18; prof. gard., 1918-. Pres. Conn. Pom. Soc., 1921-2; co. vice-pres. Conn. Veg. Growers Assoc. —*b.* Ingham Co., Mich., Aug. 17, 1863; *s.* W. F. and Samantha M. (True) S.; reared on farm; *m.* Orpha Jane Smith, Sept. 12, 1895; *c.* Helen L. B.S., Mich. Agr. Coll., 1893; M.S., 1908.

Stevens, Clark Leavitt, asst. prof. for., Univ. N. H., Durham, N. H.

Instr. for., Univ. N. H., 1920-2; asst. prof. 1922-. 1st Lieut. Inf., U. S. Army, 1917-8. —*b.* N. Stratford, N. H., Apr. 9, 1895; *s.* Chas. O. and Mary (Leavitt) S.; reared in town. B.S.A., Univ. N. H., 1917. Alpha Zeta; Lambda Chi Alpha.

Stevens, Frank Lincoln, prof. plant path., Univ. Ill., Urbana, Ill.

Instr. path., N. C. A. & M. Coll., 1901-2; prof. bot. and veg. path. and path. Exp. Sta., 1902-12; dean A. & M. Coll. of Univ. Porto Rico, 1912-4; present position, 1914-. Fellow A. A. A. S.; fellow N. C. Acad. Sci. Pres. Amer. Phytopath. Soc., 1910; vice-pres. Amer. Nature-Study Soc., 1908. *Joint auth.*: Agriculture for Beginners; The Hill Readers, 1906; Practical Arithmetic, 1909; Diseases of Economic Plants, 1910. *Auth.*: The Fungi That Cause Plant Disease. *Assoc. ed.*, Phytopathology; Journal of Bacteriology. —*b.* Syracuse, N. Y., Apr. 1, 1871; *s.* H. B. and Helen C. (Lincoln) S.; reared on farm; *m.* Adeline T. Chapman, June, 1897. B.L., Hobart Coll., 1891; B.S., Rutgers Coll., 1893; M.S., 1897; Ph.D., Univ. Chicago, 1900. Sigma Xi.

Stevens, Frederick Delos, asst. prof. farm manag., La. State Univ., Baton Rouge, La.

Fertility invests., U. S. Bur. Soils, 1903-7; dir. Exp. Sta., Uniontown, Ala., 1907-11; farm manag. ext. specialist, Ala. Poly. Inst., 1917-22; present position, 1922-. —*b.* Whitmore Lake, Mich., Dec. 22, 1879; *s.* Albert and Josephine (Silsby) S.; *m.* Susan Olsaver, 1903; *c.* Josephine F., Edgar A. B.S., Mich. Agr. Coll. 1903. Alpha Zeta; Phi Delta.

Stevens, Harold Edwin, plant path. and ent., Stripe Citrus Packing Co., Ft. Myers, Fla.

Field asst. bot., Ky. Exp. Sta., 1906; agrl. insp., Bur. Agr., Philippines, 1907-8; asst. plant path., Ark. Exp. Sta., 1910-1; plant path., Fla. Exp. Sta., 1919-20; agrl. agt. Lee Co., 1921-3; present position, 1924-. —*b.* Pruitt, Ky., Mar. 29, 1880; *s.* Chas. T. and Julia E. (Mendenhall) S.: reared on farm; *m.* Ella Maie Crawford, Sept. 12, 1911. B.S.A., Univ. Ky., 1906; M.S., Univ. Ill., 1910.

Stevens, Harry Gould, exec. sec. Mo. Farm Bur. Fed., Jefferson City, Mo.

In chg. dairy herd, Lima, O., 1915-6; agt. dairying, Purdue Univ., 1916-8; agrl. agt. Belmont Co., O., 1918-20; Monroe Co., Mo., 1920-3; present position, 1923-. (Dairying). —*b.* Orwell, O., Jan. 1, 1889; *s.* Justin F. and Ruth R. (Gould) S.; reared on farm; *m.* Esther I. Price, Jan. 21, 1919; *c.* Ruth Ann. B.S.A., Ohio State Univ., 1915.

Stevens, Hugh Albert, co. agrl. agt., Sandusky, O.

Co. agrl. agt., Jeffersonville, Ind., to 1919; manag. Speed Farms, Charlestown, Ind., 1919-22; agrl. agt., Erie Co., O., 1922-. —*b* Orwell, O., Apr. 22, 1887; *s.* Justin Francis and Ruth Rebecca (Gould) S.; reared on farm; *m.* Eva L. Ritter, June 24, 1908; *c.* Edna Lucille, Janice Leone, Harold Woodrow, Joyce Aliene. B.S.A., Ohio State Univ., 1915.

Stevens, Mildred M., asst. state club leader, Cornell Univ., Ithaca, N. Y.

Asst. home dem. agt., Eire Co., N. Y., 1920; asst. co. club agt., 1921-2; co. club agt., 1923. Chem. in govt. explosive plant, Nitro, W. Va. —*b.* Oswego, N. Y., June 27, 1896; *d.* Clarence L. and Lillian M. (Gossard) S.; reared on farm. B.S., Cornell Univ., 1918.

Stevens, Neil Everett, path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. plant path., Kans. State Agr. Coll., 1911-2. (Diseases of small-fruits). —*b.* Portland, Me., Apr. 6, 1887; *s.*

Thos. J. and Hattie (Mantle) S.; reared on farm and in city; *m.* Maude Bradford, Aug. 31, 1914; *c.* Russell B., Carl M. B.A., Bates Coll., 1908; Ph.D., Yale Univ., 1911. Sigma Xi.

Stevenson, George H., student and writer on land econ., Bel Alton, Md.

Farm land appraiser for private bank, Omaha, Neb., 1906-7; expert in agrl. ext., U. S. Dept. Agr., 1915-6; pres. Fed. Land Bank of Baltimore, 1917-8; organizer and sales manag. Md. Tobacco Growers Assoc., 1919-20; reviewing appraiser Fed. Farm Loan Bd. Farm operator. Manag. Nat. Corn Expositions, Columbus, O. and Columbia, S. C., 1910-3. —*b.* Lincoln, Neb., Oct. 24, 1885; *s.* Geo. H. and Carrie (Blanchard) S.; reared on farm; *m.* Rachel Burbank, 1911; *c.* Geo. H. Jr., Eleanor.

Stevenson, James Roe, farmer, Cayuga, N. Y.

Mem. Mass. Fish Comn. on clam invests., 1906-7. (Apples). —*b.* Pottstown, Pa., June 28, 1882; *s.* Halsey B. and Nellie M. (Roe) S.; reared in village; *m.* Grace Ide Fairchild, Mar. 9, 1909; *c.* Halsey Bidwell, Hope, Arthur Fairchild. B.A., Williams Coll., 1905. Phi Beta Kappa.

Stevenson, Lewis G., farmer, Bloomington, Ill.

Manag. farms in Ill., Ind., Ia., Kans. Newspaper correspondent in China and Japan, 1893-4; private sec. to vice-pres. U. S., Adlai E. Stevenson, 1894-7; chm. Ill. Bd. of Pardons, 1913-4; Sec. of State of Ill., 1914-7; special invest., U. S. Navy, 1917-8. —*b.* Chenoa, Ill., Aug. 15, 1868; *s.* Adlai E. and Letitia (Green) S.; reared in town; *m.* Helen I. Davis, Nov. 21, 1893; *c.* Adlai E., Elizabeth D. Student Ill. State Normal Univ. Phi Kappa Psi.

Stevenson, Lionel, dir. ext., Ont. Agr Coll., Guelph, Ont.

Prof. agr., N. S. Agr. Coll., 1912-3; supt. expl. sta., Saanichton, Vancouver Isl., B. C., 1915-21; sec. Ont. Dept. Agr., 1921-2; present position, 1922-. Pres. Seed Growers Assoc. of B. C., 1918. —*b.* Ancaster, Ont., Apr. 3, 1879; *s.* R. S. and Alice A. (Harrington) S.; reared on farm; *m.* Mary P. Blair, Sept. 17, 1914; *c.* Mary Adele, Evelyn Blair. B.S.A., Ont. Agr. Coll. and Toronto Univ., 1912; M.S., Univ. Ill., 1914.

Stevenson, William Henry, prof. farm crops and soils, chief in agron. in chg. State Soil Survey and vice-dir. Exp. Sta., Ia. State Coll., Ames, Ia.

Prof. soils, Ia. State Coll., 1902-10; prof. agron., 1910-4; prof. farm crops and soils, 1917-; in chg. Soil Survey, 1914-; vice dir. Exp. Sta., 1912- Mem. Ia. State Drainage, Waterways and Conservation Comn., 1908-10; sec. Ia. State Drainage Assoc., 1904-14. *Auth.*: Soil Physics Laboratory Guide, 1905. —*b.* Freeport, Ill., Sept. 4, 1872; *s.* Henry Staley and Louise (Rosentiel) S.; reared on farm; *m.* Rosaltha Coffin Scott, June 29, 1904. A.B., Ill. Coll., 1893; B.S.A., Ia. State Coll., 1905; D.Sc. Ill. Coll., 1923. Sigma Xi; Pi Kappa Alpha; Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi; Phi Lambda Upsilon.

Steward, Charles B., farmer and stock breeder, 1548 O St., Lincoln, Neb.

Farmer, O., 1900-7; Neb., 1907-; dir. and exec. sec. Neb. Farm Bur. Fed., 1922-. —*b.* Adelphi, O., Nov. 23, 1874; *s.* Jas. M. and Amelia (Dunnick) S.; reared on farm; *m.* Carrie F. Solt, May 5, 1895; *c.* Agnes, Norton, Curtis, Marion, Henrietta, Amelia, Jas. B.Sc., Ohio State Univ., 1900. Alpha Zeta.

Stewart, Charles Leslie, in chg. agrl. econ., Univ. Ill., Urbana, Ill.

Instr. econ., Univ. Ill., 1915-8; prof. econ. and sociol., Univ. Ark., 1918-20; assoc. to agrl. econ., U. S. Dept. Agr. 1920-4; assoc. prof. econ. (Coll. Commerce and Business Adminis.), Univ. Ill., 1924-; chief in agrl. econ., Agr. Exp. Sta., 1925-. Traveled in Europe, 1914. —*b.* Moweaqua, Ill., Sept. 3, 1890; *s.* Jas. Gray and Tryphena Margaret (Brooks) S.; reared on farm; *m.* Ruth Want, Aug. 12, 1916; *c.* Mary Margaret, C. L. Jr., Barbara Jane, Jas. Kinley. A.B., Ill. Wesleyan Univ., 1911; A.M., Univ. Ill., 1912; Ph.D., 1915. Phi Eta; Beta Gamma Sigma; Pi Kappa Delta; Kappa Delta Pi; Phi Kappa Phi; Delta Phi.

Stewart, Earl A., assoc. prof. agrl. physics, Univ. Minn., University Farm, St. Paul, Minn.

Asst. prof. physics, Kans. State Agr. Coll., 1917-20; present position, 1920-. Sec. state com. on relation of electricity to agr. *Auth.*: Laboratory Manual in Physics, 1912. (Rural electricity, agrl. engin.). —*b.* Elba, Mich., Dec. 5, 1885; *s.* Robt. and Emily (Pierson) S.; reared on farm; *m.* Alta Fern Stanley, Aug. 14, 1913; *c.* Homer, Mary Jane, Doris, Robt., Donald. B.Pd., Mich. State Coll., 1910; B.S., Univ. Chicago, 1913. Alpha Tau Delta.

Stewart, Fred, co. agrl. agt., Athens, Ala.

Instr. field crops, Tex. A. & M. Coll., 1913-4; agt. Limestone Co., Ala., 1914-. —*b.* Centerville, Ala., May 1, 1889; *s.* W. T. and Rachel R. S.; reared on farm; *m.* Inez Mae McCraw, July 29, 1914; *c.* Eugene C., Clifford, Harrold. B.S., Ala. Poly. Inst., 1911. Delta Pi Sigma.

Stewart, Fred Carlton, bot., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Asst. bot., Ia. State Coll., 1891-4; present position, 1894-. Fellow A. A. A. S. (Plant path.). —*b.* Clymer, N. Y., Feb. 13, 1868; *s.* Almeron L. and Charlotte E. (Hubbard) S.; reared on farm; *m.* Alene Chestek, Nov. 20, 1895; *c.* Harland H., Ralph W., Hermine, Charlotte A., Mayalene. B.Sc., Ia. State Coll., 1892; M.Sc., 1894.

Stewart, George, prof. agron. and in chg. field crop invests. Exp. Sta., Utah Agr. Coll., Logan, Utah.

Instr. agron., Utah Agr. Coll., 1913-6; asst. prof., 1917-8; assoc. prof., 1919-20; prof., 1920-. *Auth.*: Principles of Agronomy, 1915; ed. and co-auth. Western Agriculture, 1918. —*b.* Tooele, Utah, Nov. 7, 1888; *s.* Wm. G. and Ellen (Speirs) S.; reared on farm; *m.* Wynona Barber, Sept. 5, 1918. B.S., Utah Agr. Coll., 1913; M.S., Cornell Univ., 1918. Gamma Sigma Delta; Phi Kappa Phi.

Stewart, George Ferguson, farmer, Gilby, N. D.

Supt. schs., Gilby, 1916-9, 1921-4. —*b.* Gilby, N. D., June 22, 1892; *s.* John Ferguson and Mary (Hamilton) S.; reared in country; *m.* Pearl McKechnie, Aug. 2, 1916; *c.* Douglas Hamilton. B.S.A., N. D. Agr. Coll., 1915. Alpha Zeta; Phi Kappa Phi.

Stewart, Harold Wilson, asst. prof. soils, Univ. Wis., Madison, Wis.

Asst. soil survey, Ill. Exp. Sta., 1909-12; assoc. soil physics, Univ. Ill., 1912-5; present position, 1915-. —*b.* Hebron, Ill., July 3, 1886; *s.* Richard Henry and Mary Ada (Wilson) S.; reared on farm; *m.* Margery Ada Nichols, Dec. 28, 1910; *c.* Richard Henry, Wilson Nichols. B.S., Univ. Ill., 1909; Ph.D., Univ. Wis., 1924. Sigma Xi; Alpha Zeta; Phi Sigma Kappa.

Stewart, James Henry, comnr. agr., Charleston, W. Va.

Dir. W. Va. Exp. Sta., 1897-1912. —*b.* Raymond City, W. Va., June 20, 1859; *s.* James and Martha Jennings (Staton) S.; reared on farm; *m.* Minnie L. Vance. B.S., W. Va. Univ., 1882; LL.B., 1885. Phi Sigma Kappa.

Stewart, John Pogue, fruit-grower and hort. adv., Milton, Pa.; June 1, 1876-Jan. 21, 1922. See Rus 1920.

Stewart, John Truesdale, consulting engin., drainage and wet land development, 2223 Knapp St., St. Paul, Minn.

Field asst., U. S. Geol. Survey, 1898-1903; drainage engin., U. S. Dept. Agr., 1904-8; prof. and chief div. agrl. engin., Univ. Minn., 1908-17; with Portland Cement Assoc., 1921; present position, 1922-. Major Engin., U. S. Army, 1917-8; Lieut.-Col., 1918-9; Col. Engin. Reserve Corps, 1924. *Auth.*: Engineering on the Farm. —*b.* Loda, Ill., Jan. 13, 1868; *s.* Wm. R. and Nancy (Barr) S.; reared on farm; *m.* Ida B. Wilson, Jan. 1, 1900. B.S., Univ. Ill., 1893; C.E., 1909. Sigma Xi; Tau Beta Pi; Alpha Zeta.

Stewart, Milton Melvin, sec.-treas. Md. Farm Bur. Fed., Baltimore, Md.

Formerly invest., Bur. Markets, U. S. Dept. Agr. 1st. Lieut., Quartermasters' Corps, U. S. Army, 1918-9. Farmer and fruit-grower. —*b.* Baltimore, Md., Aug. 6, 1885; *s.* David B. and

Susan (Melvin) S.; reared in city; *m.* Anna Pearl Griffin, Jan. 2, 1915; *c.* Dorothy Melvin, Margaret Anne. Student Baltimore Poly. Inst., 3 yrs.

Stewart, Paul H., ext. specialist agron., Univ. Neb., Lincoln, Neb.

Instr. agron., Univ. Neb., 1916; co. agrl. agt., Kimball and Buffalo cos., 1917-9. —*b.* Kennard, Neb., May 7, 1893; *s.* Sam W. and Lucy (Downing) S.; reared on farm; *m.* Mar. 12, 1918. B.S., Univ. Neb., 1916; M.Sc., 1923. Alpha Zeta.

Stewart, Robert, dean Coll. Agr., Univ. Nev., Reno, Nev.

Asst. chem., Utah Exp. Sta., 1902-5; asst. prof. chem., Utah Agr. Coll., 1905-7; prof., 1908-15; asst. dir. Exp. Sta., 1909-15; prof. soil fert., Univ. Ill., 1915-20; present position, 1920-. Sergeant Utah Light Artillery, Philippine Isls., 1898-9. —*b.* American Fork, Utah, Aug. 16, 1877; *s.* Jas. and Sarah Ann (Woodhead) S.; reared on farm; *m.* Jane E. Gordon, Dec. 24, 1900; *c.* Lorena, Gordon, Robt. V., Marjorie. B.S., Utah Agr. Coll., 1902; Ph.D., Univ. Ill., 1909. Sigma Xi; Alpha Delta Rho.

Stewart, Rolland Maclaren, prof. rural educ., Cornell Univ., Ithaca, N. Y.

Prof. educ. and psychology, Graceland Coll., Lamoni, Ia., 1904-8; pres., 1905-8; asst. educ., State Univ. Ia., 1908-11; instr., 1911; asst. prof., 1911-8; present position, 1918-; acting ed. Cornell Rural Sch. Leaflet, 1918-9. *Auth.*: Cooperative Methods in the Development of School Support in the United States, 1914; contr. to Book of Rural Life. —*b.* Winslow, Ill., Nov. 27, 1878; *s.* Jas. Alexander and Amanda (Rayhorn) S.; reared on farm; *m.* Hattie Roxanna Phillips, Dec. 22, 1904; *c.* Harold Philips, Ralph Wentworth. B.A., State Univ. Ia., 1904; B.Di., 1906; Ph.D., 1912. Phi Beta Kappa; Phi Delta Kappa.

Stewart, Russell A., co. agrl. agt., Battle Creek, Neb.

Teach. grade schs., 3 yrs.; teach. agr., high-sch., Holdrege, Neb., 3 yrs. —*b.* Cortland, Neb., Aug. 5, 1888; *s.* Chas. E. and Rosa (Day) S.; reared on farm; *m.* Pauline Aden, Aug. 31, 1911; *c.* S. Grant, Pauline Adene. Grad. Peru State Normal; student Univ. Neb., 1913-6. Alpha Zeta.

Stewart, Wilbur Filson, prof. agrl. educ., Ohio State Univ., Columbus, O.

Asst. prof. agrl. educ., Univ. Wis., 1914; instr. agr., Tracy, Minn., 1914-7; asst. prof. agrl. educ., Ohio State Univ., 1917-8; prof., 1918-; state superv. agrl. educ., 1917-21. —*b.* W. Hallock, Ill., June 28, 1885; *s.* Hugh C. and Alice (Leech) S.; reared on farm; *m.* Miriam E. Post, June 1917; *c.* Vivian Elizabeth, Mary Alice, Gladys Evelyn. A.B., Milton Coll., 1909; M.S., Univ. Wis. 1914.

Stiles, Charles Francis, apiarist. Stillwater, Okla.

Chg. apiary, Miss. A. & M. Coll., 1913; instr. ent. and zool., Univ. Ky., 1913-6; special field agt. in bee culture and ent., U. S. Dept. Agr., 1917-9. Private U. S. Army, 1917. —*b.* Starkville, Miss., Feb. 14, 1891; *s.* John F. and Chas. Turnbull (Cameron) S.; reared on farm; *m.* Lottie Altizer, Sept. 4, 1918. B.S.A., Miss. A. & M. Coll., 1911; student Ohio State Univ., 1911-2.

Stiles, George Whitefield Jr., bact., Bur. An. Ind., U. S. Dept. Agr., 444 P. O. Bldg., Denver, Colo.

With U. S. Dept. Agr., 1901-. On med. staff Swedish Nat. Sanitorium, Denver. (Diseases domestic animals). —*b.* Orangeburg, N. Y., June 14, 1877; *s.* Geo. W. and Alice M. (Merritt) S.; reared on farm; *m.* Bessie A. Loud, June 30, 1902; *c.* Merritt L., Sibley W., Wm. W., Alice E. B.S., Okla. A. & M. Coll., 1900; M.D., Geo. Washington Univ., 1905; Ph.D., 1909. Phi Kappa Phi.

Stiles, J. C., co. agrl. agt., Ashland, Va.

Mem. Va. Crop Pest Comn., 1904-9; prof. agr. and sci., Chester Agrl. High-Sch., Chester, Va., 1909-13; agrl. agt. Wise Co., 1913-6; Hanover Co., 1916-. —*b.* Elliston, Va., Sept. 13, 1883; *s.* E. W. and Rosa B. (Wamach) S.; reared on farm; *m.* Virginia Clay Robertson, 1913; *c.* 2 daughters. B.S., Va. Poly. Inst.

Stiles, Wayne Earl, lands. and golf course arch., 97A Newbury St., Boston, Mass.

Jr. partner, Brett and Hall, 1910-4; own office, 1914-24; partner with John R. Van Kleek, 1924-. Fellow Amer. Soc. Lands. Arch. —*b.* Boston, Mass., Jan. 22, 1884; *s.* John Dearborn and Ada (Allard) S.; reared on farm and in city; *m.* Viola Crouch Small, Feb. 10, 1922.

Stille, Lillian Tetts, home dem. agt., Mansfield, La.

b. Lincoln Parish, La., Mar. 31, 1878; *d.* J. A. and Charitie (Crosby) Tetts; reared on farm; *m.* E. O. Stille, Nov. 14, 1900; *c.* Zelma. Student La. Ind. Inst.

Stillman, Gladys Sarah, asst. leader home econ. ext., Univ. Wis., Madison, Wis.

b. Oshkosh, Wis., Dec. 21, 1887; *d.* Wm. F. and Emmaretta (Seely) S.; reared in city. B.A., Univ. Chicago, 1918.

Stillwell, Earle Cooke, teach. agr., high-sch., Freehold, N. J.

Farm manag., Raritan Valley Farms, N. J., 1911-2; instr. hort., Rutgers Coll., 1912-4; present position, 1914-. Vice-pres. N. J. State Agrl. Teach. Assoc. —*b.* Freehold, N. J., July 12, 1890; *s.* Joseph Mulford and Eleanor (Madge) S; reared on farm; *m.* Elizabeth Boughner, Aug. 16, 1913; *c.* Frances Eleanor, Margaret Jeanette. B.S., Rutgers Coll., 1911. Phi Beta Kappa.

Stillwell, Edwin William, asst. chief marketing specialist, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. fruits and vegetables, Market News Serv., U. S. Bur. Markets, 1917-9; asst. truck crop specialist for Pacific Coast, U. S. Bur. Crop Estimates, 1919-20; special invest. grades and standardization, fruits and vegetables, Bur. Markets and Crop Estimates, 1920-2; asst. chief marketing specialist in chg. Market News Serv., fruits and vegetables, Bur. Agrl. Econ., 1922-. —*b.* Rockford, Ill., Nov. 10, 1893; *s.* Chas. Wesley and Elizabeth Sophia (Keefe) S.; reared in city. B.S., Ia. State Coll., 1917. Chi Phi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

Stilwell, Mary Elizabeth, asst. dir. agrl. ext. div., Univ. Nev., Reno, Nev.

Instr. home econ., high-sch., Swarthmore, Pa., 1912-4; Germantown, 1915-6; home dem. agt., Virginia, Minn., 1917-21. —*b.* Tombstone, Ariz., May 7, 1886; *d.* Wm. H. and Harriet (Bean) S.; reared in country. B.S., St. Lawrence Univ., 1912; grad. student Columbia Univ., 1913-6. Phi Beta Kappa; Pi Beta Phi.

Stimson, Rufus Whittaker, state superv. voc. agrl. educ., Hotel Wadsworth, Boston, Mass.

Prof. English, ethics and oratory, Conn. Agr. Coll., 1897-1901; pres. Conn. Agr. Coll., 1901-8; dir. Smith's Agrl. Sch. and Northampton Sch. of Ind., 1908-11; present position, 1911-; lect. Harvard Grad. Sch. Educ. summer sch. Asst. in voc. agrl. educ. survey in Mass., 1910, Hampton Inst., 1916-7. Awarded gold medal for agrl. home project exhibit, Panama Pacific Expos. Pres. Amer. Assoc. for Advancement of Agrl. Teaching; chm. college sect., Assoc. Land Grant Colleges. *Auth.*: Vocational Agricultural Education by Home Projects. *Ed.*, Agricultural Project Series; assoc. ed., Vocational Education Magazine. —*b.* Palmer, Mass., Feb. 20, 1868; *s.* Horace W. and Harriet A. (Hunt) S.; reared in country; *m.* Helen Morris, Oct. 4, 1899. A.B., Harvard Univ., 1895; A.M., 1896; B.D., Yale Univ., 1897. Delta Kappa Epsilon.

Stine, Oscar Clemen, agrl. econ. in chg. div. statistical and historical res., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Teach. high-schs., 1908-13; asst. agrl. econ., Univ. Wis., 1914-6; econ., U. S. Dept. Agr., 1917-. Pres. Agrl. Hist. Soc. *Ed.*, Journal of Farm Economics. —*b.* Sandyville, W. Va., Nov. 13, 1884; *s.* Thos. and Emily Josephine (Boggess) S.; reared on farm; *m.* Ruth Speerstra, June 30, 1919. Ph.B., Ohio State Univ., 1908; Ph.D., Univ. Wis., 1920.

Stinson, John Turner, dir. agrl. development dept., Mo. Pacific Ry., 1662 Railway Exchange Bldg., St. Louis, Mo.

Prof. hort. and hort. Exp. Sta., Univ. Ark., 1891-1900; dir. Mo. Fruit Exp. Sta., 1900-3; supt. pom., St. Louis Expos., 1903-4; agrl. agt., Mo. Pacific Ry., 1904-7; sec. Mo. State Fair, 1908-14; sec. St. Louis Agrl. Fair, 1915-6; ext. serv., Univ. Mo. 1917; sec. Nat. Swine Growers Assoc., 1918-9; sec. southeast Mo. Agrl. Bur., Sikeston, 1919-21. —*b.* Pierceton, Ind., Sept. 5, 1865; *s.* A. D. and Elizabeth (Doke) S.; reared on farm; *m.* Robbie Trott, Aug. 15, 1894; *c.* Rebecca, Benj. A., Ruth, John T. Jr. B.Sc., Ia. State Coll., 1890. Kappa Alpha.

Stoa, Theodore E., asst. agron., Exp. Sta., Agricultural College, N. D.

Formerly sci. asst., Bur. Plant Ind., U. S. Dept. Agr. —*b.* Buxton, N. D., Jan. 30, 1890; *s.* Elling and Christie (Jemtrud) S.; reared on farm. B.S., N. D. Agr. Coll., 1915; M.S.A., 1921. Alpha Zeta; Phi Kappa Phi.

Stockberger, Warner W., sr. physiol. in chg. drug, poisonous and oil plant invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Fellow A. A. A. S. —*b.* Licking Co., O., July 10, 1872; *s.* Geo. F. and Roena (Warner) S.; reared on farm; *m.* Maude N. Streeter, July 6, 1896; *c.* Lucile. B.S., Denison Univ., 1902; Ph.D., Geo. Washington Univ., 1907.

Stockbridge, Horace Edward, agrl. chem., R. F. D. 3, Atlanta, Ga.

Assoc. prof. chem., Mass. Agr. Coll., 1884-5; prof. chem. and geol., Imperial Coll. Agr. and Engin., Japan, 1885-9; chief govt. chem., Japan, 1887-9; dir. Ind. Exp. Sta., 1889-90; dir. N. D. Exp. Sta. and pres. N. D. Agr. Coll., 1890-4; dean Coll. Agr. and dir. farmers insts., Univ. Fla., 1897-1902; formerly ed. Southern Ruralist. Sec. Fla. State Agr. Soc.; pres. Farmers Nat. Congress, 1916-7. Trustee, Univ. of the South, Sewanee, Tenn., 1918. Owned and operated plantation, Sumter Co., Ga., since 1895. *Auth.*: Rocks and Soils, 1887, 92, 95, 1902; Land Teaching, 1910. —*b.* Hadley, Mass., May 19, 1857; *s.* Levi and Johanna (Smith) S.; reared on farm; *m.* Belle Lamar, Mar. 30, 1885; *c.* Levi Basil, Abigail M., Derry L., John S. B.S., Mass. Agr. Coll., 1898; Ph.D., Goettingen Univ., Germany, 1884. Kappa Sigma.

Stockdale, Charles Ellsworth, agrl. ed. and state agt., W. Va. Univ., Morgantown, W. Va.

b. St. Leo, W. Va., Nov. 9, 1890; *s.* Geo. N. and Sarah (Roberts) S.; reared on farm; *m.* Nellie Bly Shaffer, 1913; *c.* Harold, Ruth, Robt. B.S.A., W. Va. Univ., 1916.

Stockebrand, John William, teach. voc. agr., high-sch., Mound City, Kans.

Superv. voc. agr., Lawrence, Kans., 1918-20; Rocky Ford, Colo., 1922-3; Mound City, Kans., 1923-. —*b.* Yates Co., Kans., July 27, 1892; *s.* W. H. and Augusta (Bayer) S.; reared on farm; *m.* Hazel Belle St. John, Aug. 28, 1917; *c.* Jolena Marie, Archie Paul. B.S.A., Kans. State Agr. Coll., 1915.

Stocking, Alfred Dewey, instr. agr., high-sch., Silverdale, Wash.

Served in Inf., U. S. Army, World War. Traveled in Cent. Amer. and Alaska. —*b.* Grandmound, Wash., Sept. 26, 1897; *s.* G. C. and Jessie (Manning) S.; reared on farm and in town. B.S., Wash. State Coll., 1922; M.S., 1925. Phi Delta Kappa.

Stocking, William Alonzo Jr., prof. dairy ind., Cornell Univ., Ithaca, N. Y.

Asst. prof. dairy ind., Cornell Univ., 1906-9; prof., 1909-; acting dir. Coll. Agr., 1913-4. Pres. Amer. Dairy Sci. Assoc., 1916-8; pres. N. Y. State Dairymens Assoc., 1922-4. *Auth.*: Manual of Milk Products, 1917. (Dairy bact.). —*b.* Simsbury, Conn., May 13, 1872; *s.* W. A. and Serinda (Delanoy) S.; reared on farm; *m.* Harriet M. Bliss, June 27, 1900; *c.* John Bliss, Robt. Bliss, Wm. Bliss, Elizabeth Delanoy. B.Agr., Conn. Agr. Coll., 1895; B.S.A., Cornell Univ., 1898; M.S.A., 1906. Sigma Xi; Alpha Zeta.

Stockman, Dora Hall, farmer, writer, lect., R. 4, Lansing, Mich.

Mem. Mich. State Bd. Agr.; mem. Mich. Community Council; state chm. food production and marketing com., Mich. Women's Council of Defense; lect. Mich. State Grange, 1914-; dir. Mich. Women's State Press Assoc. *Auth.*: A Bountiful Harvest, 1908; Farmerkins Farm Rhymes, 1911; Dialog Book, 1913. —*b.* Merilla, Mich., Aug. 4, 1872; *d.* Lee F. and Lucy (Bennett) Hall; reared on farm; *m.* F. M. Stockman, Aug. 8, 1889; *c.* Lee X., Lucy, Verne A. Grad. Hillsdale Coll.

Stockton, Manley, crop dept. Hartford Fire Insurance Co., Atlanta, Ga.

Manag. fruit-marketing assoc. Biglerville, Pa., 3 yrs.; invest. in marketing, Bur. Markets, U. S. Dept. Agr. Served in U. S. Naval Aviation Detachment. —*b.* Rocheport, Mo., June 17, 1895; *s.* Manley B. and Catharine (Scott) S.; reared in city. B.S.A., Univ. Mo., 1917. Sigma Nu.

Stoddard, George E., teach. agr., high-sch., E. Aurora, N. Y.

Served in Engin. Corps, U. S. Army. —*b.* Lowville, N. Y., Jan. 19, 1895; *s.* Geo. W. and Harriett (Weller) S.; reared on farm; *m.* Olga S. H. Christensen, July 15, 1924. B.S.A., Syracuse Univ., 1921. Theta Alpha.

Stoddart, Charles William, dean. Sch. Liberal Arts, Penn. State Coll., State College, Pa.

Instr. and asst. prof. soils, Univ. Wis., 1904-10; prof. agrl. chem., Penn. State Coll., 1910-20; present position, 1920-. *Auth.*: Chemistry of Agriculture, 1915. —*b.* Boscobel, Wis., Oct. 14, 1877; *s.* Wm. and Emma (Sylvester) S.; reared in city; *m.* Clara Cook, June 12, 1902; *c.* Chas. Wm. Jr., Harold Coburn, Robt. Cook. A.B., Columbia Univ., 1900; A.M., 1901; Ph.D., Univ. Wis., 1909. Phi Beta Kappa; Sigma Xi; Phi Kappa Phi; Beta Theta Pi.

Stokdyk, Ellis Adolph, assoc. prof. agrl. econ., Kans. State Agr. Coll. Manhattan, Kans.

Asst. state club leader, Univ. Wis., 1920; assoc. prof. plant path., Kans. State Agr. Coll., 1921-4; present position, 1924-. Served in U. S. Navy, World War. —*b.* Sheboygan, Wis., Apr. 11, 1897; *s.* Peter and Nellie (Verhulst) S.; reared on farm; *m.* Virginia Gibson, June 29, 1921; *c.* Barbara, Virginia. B.S., Univ. Wis., 1920; M.S., Kans. State Agr. Coll., 1924. Theta Delta Chi.

Stokes, Francis C., seedsman, 235 E. Washington Sq., Philadelphia, Pa.

With Stokes Seed Co., 1912-. Traveled in Europe. (Veg. seed improvement). —*b.* Moorestown, N. J., Mar. 2, 1892; *s.* Walter P. and Anna M. (Reeves) S.; reared in town; *m.* Agnes Nicholson, Nov. 5, 1920; *c.* Sylvia, Carol. Student Haverford Coll., 2 yrs.

Stokes, W. Eugene, head dept. forage crop invests., Fla. Agr. Exp. Sta., Gainesville, Fla.

Asst. chem., Tex. Exp. Sta., 1911-2; asst. prof. agron., N. H. A. & M. Coll., 1913-4; farmer, Bamberg, S. C., 1914-7; formerly co. agrl. agt., Edgefield, S. C.; ext. agron., Clemson Agr. Coll., 1918-20; asst. grass and forage crop specialist, Fla. Agr. Exp. Sta., 1921-3; present title, 1924-. —*b.* Bamberg, S. C., Aug. 21, 1889; *s.* J. W. and Belle S.; reared on farm; *m.* Belle Mae Cooner, Jan. 1, 1914; *c.* Margaret Isabelle, Rebekah Cooner. B.S., Clemson Agr. Coll., 1911; M.S., Univ. Wis., 1914.

Stokoe, William Clarence, co. agrl. agt., Mt. Morris, N. Y.

Instr. agr. high-sch., Gowanda, N. Y., 1914-7; co. agt., Coos Co., N. H., 1917-20; agt. Cortland Co., N. Y., 1920; Pocahontas Co., W. Va., 1921; Livingston Co., N. Y., 1921-. —*b.* Scottsville, N. Y., Jan. 4, 1890; *s.* Wm. L. and Margaret (Malloch) S.; reared on farm; *m.* Marie Cecilia Stafford, Oct. 12, 1916; *c.* Wm. C. Jr. B.S., Cornell Univ., 1913.

Stoltz, Robert Bear, asst. prof. dairying, Ohio State Univ., Columbus, O.

Instr. dairying, Ohio State Univ., 1912-4; asst. prof., 1914-. Sec.-treas. O. Swiss Cheese Assoc., 1918-. (Cheese, ice-cream). —*b.* Bradford, O., Mar. 6, 1890; *s.* Jas. F. and Ida E. (Bear) S.; reared on farm and in town; *m.* Marie Cassell, June 12, 1912; *c.* Philip C., Bonnie Marie. B.S.A., Ohio State Univ., 1912. Acacia; Delta Theta Sigma.

Stone, Alden Lescombe, asst. prof. agron., Univ. Wis., state seed insp. and deputy weed comnr., State Dept. Agr., Madison, Wis.

Asst. agron., Univ. Wis., 1903-6; instr., 1906-10; asst. prof., 1910-. Pres. Wis. Agr. Exp. Assoc., 4 yrs.; pres. Nat. Assoc. Seed Analysts, 1917; sec. Assoc. Official Seed Analysts, 1919-. Served as private in Spanish-Amer. War. —*b.* Burnett, Wis., Dec. 9, 1872; *s.* Wm. Wallace and Calista Elizabeth (Tripp) S.; reared in city and on farm; *m.* Alice Lena Mayhew, May 1, 1900; *c.* Dorothy, Bernice, Wm., Alice, Philip, Wilson, Alden, Donald, Gwyn.

Stone, Elmore Becker, teach. voc. agr., high-sch., Baltimore, O.

Served in A. E. F.; instr. poultry, A. E. F. Univ., Beaune, France, 1919. —*b.* Mexico, N. Y., June 1, 1896; *s.* Frederic Ransom and Lillie Albertine (Becker) S.; reared in village; *m.* Blanche Loraine Miller, May 23, 1923. B.S., Cornell Univ., 1920. Theta Alpha.

Stone, John Lemuel, emeritus prof. farm practice, Cornell Univ., Ithaca, N. Y.

Farmer, Waverly, Pa., 1874-97; asst. agr., Cornell Univ., 1897-1903; asst. prof., 1904-6; prof. farm practice, 1907-19; emeritus, 1919-. —*b.* Waverly, Pa., July 6, 1852; *s.* Lora W. and Julia A. (Gorman) S.; reared on farm; *m.* Jennie D. Parker, Aug. 30, 1876; *c.* Delia M., Helen L., Mary D., Julia A. B.Agr., Cornell Univ., 1874.

Stone, Joshua Winthrop, market-gardener, 29 Lincoln St., Watertown, Mass.

Princ. Mt. Ida Acad., Ark., 1898-1900; princ. high-sch., N. Berwick, Me., 1900-3; market-gardener, Watertown, 1903-; stockman, Lexington, Mass., 1918-20. Pres. Boston Market Gardeners, 1917-8; pres. Mass. State Veg. Growers Assoc., 1918-9. (Greenhouse veg. forcing). —*b.* Watertown, Mass., July 26, 1873; *s.* Joshua Coolidge and Martha Elizabeth (Mason) S.; reared on farm; *m.* Agnes Jessie Mayell, Oct. 25, 1899; *c.* Esther Mayell, Winthrop Ernest. A.B., Harvard Univ., 1896.

Stone, Samuel Edwin, instr. voc. agr., Cape May Co. Voc. Sch., Cape May C. H., N. J.

Teach., Baron de Hirsch Agrl. Sch., Woochine, N. J., 1915-9; an. husb., 1915-7; an. husb. and agron., 1917-9. —*b.* Malaga, N. J., June 3, 1890; *s.* Abraham and Frieda (Schwartzmann) S.; reared on farm; *m.* Fannette Perlmon, Apr. 9, 1922. B.S., Cornell Univ., 1915.

Stone, Tom Candy, ext. an. husb., Ia. State Coll., Ames, Ia.; June 28, 1890-Oct. 1921. See Rus 1920.

Stone, William Raymond, co. agrl. agt., Hackensack, N. J.

b. Haddonfield, N. J., Sept. 26, 1893; *s.* Wm. and Ray (Young) S.; reared in town and on farm; *m.* Lillian M. Murray, June 5, 1919; *c.* Raymond E., Hilton. Student Rutgers Univ.

Stoneberg, Hugo, asst. agron., Off. Cereal Invests., U. S. Dept. Agr., Univ. Sta., Baton Rouge, La.

b. Bishop Hill, Ill., Jan. 17, 1894; *s.* Andrew and Jennie (Nystrom) S.; reared on farm. B.S.A., Ore. Agr. Coll., 1916. Gamma Sigma Delta.

Stookey, Edward Benton, co. agrl. agt., Olympia, Wash.

Teach. agr., chem. and bot., high-sch., Garfield, Wash., 1912-3; asst. agron., W. Wash. Exp. Sta., 1913-4; agron., 1914-20; agrl. agt. Thurston Co., 1920-. —*b.* Creston, Wash., Sept. 2, 1889; *s.* Alfred E. and Mary (Wooley) S.; reared on farm; *m.* Lucy Belle Kincaid, Sept. 2, 1913; *c.* Edward Allen, Mary Christine, Robt. Benton. B.S., Wash. State Coll., 1912; M.S., 1922.

Storer, Clayton A., instr. agr., Anson Acad., N. Anson, Me.

Princ. Freedom Acad., Me., 1918-9; co. agrl. agt., Skowhegan, 1919-23; present position, 1923-. —*b.* Weld, Me., June 7, 1891; *s.* Daniel H. and J. Elizabeth (Phinney) S.; reared on farm; *m.* Edith L. Philbrick, Sept. 7, 1918; *c.* Allan Philbrick, Daniel Phinney. B.S., Univ. Me., 1918. Alpha Zeta.

Storey, William David Tyson, instr. voc. agr. and supt. schs., high-sch., Hillsdale, Okla.

Corporal, U. S. Army, 1917-9; served in A. E. F.; 2d Lieut. O. R. C. —*b.* Annona, Tex., May 12, 1891; *s.* Wm.

Peyton and Mamie Elizabeth (Carpenter) S.; reared on farm; *m.* Nannie Kathryn Wines, June 1, 1920; *c.* David Clark. Grad. N. Tex. State Normal Coll., 1917; B.S., Okla. A. & M. Coll., 1924.

Storm, Ashley Van, prof. and chief div. agrl. educ., and dir. short-courses, Univ. Minn., University Farm, St. Paul, Minn.

Supt. city schs., Winchester, Ill., 1890-4, Storm Lake, Ia., 1894-8, Cherokee, Ia., 1898-1906, Iowa City, 1906-7; ext. prof. public sch. agr., Ia. State Coll., 1907-11; prof. and head dept. agrl. educ., dir. summer session, 1911-2; prof. and chief div. agrl. educ., Univ. Minn., 1912-; dir. summer session, 1913-; conductor state teach. training sch., 1913-. Pres. Amer. Assoc. for Adv. Agrl. Teaching, 1915-6; pres. N. W. Ia. Teach. Assoc., 1896; supt. educ. exhibits, Ia. State Fair, 1908-12; chm. Nat. Educ. Assoc. Com. on Agr., 1913-. Admitted to Bar, 1890. —*b.* Walnut, Ill., Nov. 18, 1861; *s.* John Miller and Josephine (Mitchell) S.; reared on farm; *m.* Elizabeth Ann Hayler, Mar. 24, 1889; *c.* Shirley Snow, Arthur V., Paul H. Ph.B., Ill. Wesleyan Univ.; M. A., Univ. Ia., 1912; Ph.D., Geo. Peabody Coll., 1919. Phi Delta Kappa; Gamma Sigma Delta (nat. grand pres.); Alpha Gamma Rho; Acacia.

Story, George F. Edmunds, co. agrl. agt., Worcester, Mass.

Ext. instr. an. husb., Ohio State Univ., 1910-1; ext. instr. an. husb. and dairying, Mass. Agr. Coll., 1911-5; prof. an. ind., Univ. Vt., 1915-8; present position, 1918-. (An. and dairy husb.). —*b.* Essex, Vt., Oct. 2, 1885; *s.* Isaac Tichenor and Ella M. (Woodruff) S.; reared on farm; *m.* Alma Harriet Montague, Sept. 18, 1909; *c.* Everett Montague, Donald Hurd. B.S.A., Ohio State Univ., 1910. Kappa Sigma; Alpha Zeta.

Story, William Fleming Jr., co. agrl. agt., McMinnville, Tenn.

(Live-stock). —*b.* Sparta, Tenn., Mar. 16, 1893; *s.* W. F. and Hattie E. (Cole) S.; reared on farm. Grad. Middle Tenn. State Normal, 1918.

Stouder, Kirk Whitney, ext. prof. vet. med., Ia. State Coll., Ames, Ia.

Prof. vet. surg. and anat., Wash. State Coll., 1905-8; asst. prof. vet. med., Kans. State Agr. Coll., 1908-11; vet. adv. Live-stock Sanitary Comn., 1911-3; present position, 1913-. Pres. Mo. Valley Vet. Assoc. —*b.* Taylor Co., Ia., July 18, 1882; *s.* Wm. F. and Emma (Hahn) S.; reared in country; *m.* Maude Jeffers, 1908; *c.* John Chandler. D.V.M., Ia. State Coll., 1905.

Stoudt, John Micheal, farmer, Hershey, Pa.

b. Derry Church, Pa., Aug. 29, 1893; *s.* D. M. and Lizzie (Moyer) S.; reared on farm. B.S., Penn. State Coll., 1914.

Stoughton, Wilford F., teach. agr., high-sch., Sherburne, N. Y.

b. Owatonna, Minn., Sept. 8, 1896; *s.* Stiles R. and Effie L. (Gorton) S.; reared on farm; *m.* Alice L. Beecher, June 30, 1924. B.S., Cornell Univ., 1921. Alpha Zeta.

Stoutamire, Ralph, agrl. ed. Florida Grower, Tampa, Fla.

Teach. agr., State Secondary Sch., Abbeville, Ala., 1919-20; ed. and asst. prof. in chg. journalism, Univ. Fla., 1920-5; present position, 1925-. 1st Lieut. O. R. C., U. S. Army. —*b.* Bloxham, Fla., Jan. 24, 1894; *s.* Wm. D. and Mary Julia (Chester) S.; reared on farm. B.S.A., Univ. Fla., 1919. Kappa Sigma; Alpha Zeta.

Stover, Wilmer Garfield, prof. bot., Ohio State Univ., Columbus, O.

Instr. bot., Ohio State Univ., 1910-1, 1912-4; asst. prof., 1914-22; prof., 1922-; ext. plant path., 1917-20; instr., Okla. A. & M. Coll., 1911-2. Mem. O. Acad. Sci. (Plant path.). —*b.* Hancock Co., O., Oct. 3, 1881; *s.* Jacob N. and Mary (Bernius) S.; reared on farm and in village; *m.* Avis Augusta Crawford, 1914; *c.* Wilmer Wallace, Margaret Avis. A.B., Miami Univ., 1909; A.M., 1910; Ph.D., Univ. Wis., 1921. Phi Beta Kappa; Sigma Xi; Gamma Alpha; Phi Kappa Tau.

Stow, Ralph Albert, sec. Livingston Co. Y. M. C. A., Howell, Mich.

General sec. Y. M. C. A., Purdue Univ., 1905-10; sec. Morgan Co., Colo., 1910-2; sec. Univ. Denver, 1912-3; sec. Medina Co., O., 1914-9; assoc. state sec., Mont., 1919-21; community sec., Grand Rapids, Mich., 1921-3; present position, 1923-. —*b.* Caledonia, Mich., Mar. 2, 1881; *s.* Alfred Wolcott and Clara Augusta (Beckley) S.; reared on farm; *m.* Fannie Leone Morris, Sept. 1, 1915; *c.* Richard Wolcott, Robt. Morris, Ruth. B.S., Univ. Mich., 1905.

Strader, Audra Dow, teach. voc. agr., high-sch., Parsons, W. Va.

Teach. agr. and sci., high-sch., Milton, W. Va., 1923-4; Parsons, 1924-. Served in U. S. Army, World War. —*b.* Buckhannon, W. Va., July 5, 1892; *s.* Ira C. and Diademma (Lewis) S.; reared on farm; *m.* Maude Peterson, Dec. 8, 1917; *c.* Clara Jett, Robt. Grant. B.S.A., W. Va. Univ., 1923.

Strahan, James Lewis, asst. prof. rural engin., Mass. Agr. Coll., Amherst, Mass.

Instr. farm structures and rural engin., Cornell Univ., 1913-8; asst. prof. rural engin., 1918-9; present position, 1919-. (Farm buildings). —*b.* N. Y. City, Feb. 11, 1889; *s.* Jas. Lewis and Anne (Price) S.; reared in city; *m.* Bessie L. Edwards, Sept. 11, 1913; 2d, Julia Gleason, Aug. 20, 1920; *c.* Anne P., Jane A. B.S.A., Cornell Univ., 1912; M.S., 1913. Acacia.

Strang, Elizabeth Leonard, lands. arch., Leominster, Mass.

Instr. Lowthrope Sch. Lands. Arch. for Women, Groton, Mass., 1911-8, 1922-3. Mem. Amer. Soc. Lands. Arch. Traveled in England, 1910-1. —*b.* Cayuga Co., N. Y., Apr. 13, 1886; *d.* Wm. E. and Virginia (Bowman) Leonard; reared on farm; *m.* Robert Russell Strang, Nov. 17, 1914; *c.* Leonard Russell, Robt. Bowman. B.S.A., Cornell Univ., 1910.

Straw, Bert, co. agrl. agt., Coudersport, Pa.

Mem. Food Supply Com. of Pa. —*b.* Kerrmore, Pa., Sept. 6, 1892; *s.* Harrison and Emeline (Read) S.; reared on farm; *m.* Gertrude Mary Rush, Nov. 30, 1916. B.S., Penn. State Coll., 1916.

Straw, Eunice, home dem. agt., Freehold, N. J.; Aug. 24, 1890-May 26, 1920. See Rus 1920.

Strawn, Oliver Perry, state agron. and supt. Exp. Sta., Martinsville, Va.

Served in Inf., U. S. Army, 1917-9. Mem. State Agrl. Exp. Bd. —*b.* Columbianna Co., O., Apr. 1, 1896; *s.* L. W. and Emma Frances (England) S.; reared on farm; *m.* Nancy Ellen Main, Oct. 25, 1924. Student Va. Poly. Inst., 2½ yrs.

Streed, Anna Mathilda, home dem. agt., Henderson, Ky.

b. Nykoping, Sweden, Dec. 12, 1883 (naturalized as minor); *d.* Nils Emil and Johanna Mathilda (Ang) S.; reared on farm. B.S., Univ. Minn., 1913; M.S., 1922.

Streets, Rubert Burley, asst. prof. plant path., and asst. plant path. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Asst. plant path., Off. Cereal Invests., U. S. Dept. Agr., 1918-20; asst. in plant path., Univ. Wis., 1920-2; instr., 1922-4; present position, 1924-. Served in Inf., U. S. Army, 1918-9. Mem. Wis. Acad. Sci. —*b.* Helena, Mont., May 22. 1895; *s.* Burley R. and Katherine M. (Anderson) S.; *m.* Frances J. Wocasek, Aug. 23, 1922. B.S., Mont. State Coll., 1918; M.S., Univ. Wis., 1922; Ph.D., 1924. Omega Beta; Sigma Xi; Phi Kappa Phi; Gamma Alpha; Phi Sigma.

Strehlow, Peter C., farmer, Willetts, La.

Manag. wheat and stock farm, Spring Coulee, Alta., 1917; manag. Kenmore Plantation, La., 1919-. 2d Lieut. Field Art., U. S. Army, 1 yr. (An. breeding). —*b.* Strawberry Point, Ia., Dec. 4, 1891; *s.* Fred E. and Anna (Jessen) S.; reared on farm; *m.* Muriel Bond, Feb. 1, 1920. B.S., Univ. Wis., 1916. Alpha Zeta.

Strickland, Edgar Harold, prof. ent., Univ. Alta., Edmonton, Alta.

Ent., Dominion Ent. Branch, 1913-22; present position, 1922-. Served in

Canadian Army, 1916-9. —*b.* Erith, Kent, England, May 29, 1889; *s.* H. A. and M. (Sykes) S.; reared in town; *m.* Alice Fairfield, May 1924; *c.* Muriel Elizabeth. Grad. Wye Coll., England, 1910; S.M., Harvard Univ., 1912.

Strivings, Silas L., farmer, Castile. N. Y.

Co. supt. schs., Wyoming Co., N. Y., 6 yrs.; princ. high-schs., 8 yrs.; examiner in Educ. Dept., Albany, 2 yrs. Dir. Wyo. Co. Agrl. Soc.; pres. N. Y. State Fed. Co. Farm Bur. Assoc.; pres. Wyo. Co. Farm Bur.; master Wyo. Co. Grange; adv. com., Fed. Food Adminis.; lect. N. Y. State Grange; vice-pres. Amer. Farm Bur. Fed.; dir. Gainesville Nat. Bank. —*b.* Mt. Morris, N. Y., May 1, 1865; *s.* Sherman S. and Eliza (Lowry) S.; reared on farm; *m.* Mae L. Townsend, Oct. 10, 1888; *c.* Roy T., Roscoe S., Victor D. Grad. Geneseo State Normal.

Struck, F. Theodore, asst. dir. voc. educ., Dept. Public Instr., Harrisburg, Pa.

Teach., Stadium High-Sch., Tacoma, Wash., 1911-3; dir. ind. sch., W. Orange, N. J., 1914-5; princ. Essex Co. Voc. Sch., N. J., 1915-8; assoc. prof. agrl. educ., Penn. State Coll., 1918-20; present position, 1920-. —*b.* Germany, Mar. 18, 1886 (naturalized 1893); *s.* L. and Bertha (Runge) S.; reared on farm and in town; *m.* Alice E. Clark, 1915. B.S. in C.E., Univ. Ore., 1911; M.A., Teachers Coll., Columbia Univ., 1914; Ph.D., 1920. Phi Delta Kappa.

Stuart, Lillian M., home dem. agt., 244 Main St., Springfield, Mass.

Home dem. agt., Ulster Co., N. Y., 1917-22; Hampden Co., Mass., 1922-. (Clothing, textiles). —*b.* Boston, Mass.; *d.* Wetmore A. and Margaret (Keough) S.; reared in city and on farm. Student Mt. Holyoke Coll., 1 yr.; grad. Framingham State Normal Sch.

Stuart, William, hort., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Asst. bot., Ind. Exp. Sta., 1894-1901; assoc. hort., 1901-2; prof. hort., Univ. Vt. and hort. Exp. Sta., 1902-9; potato expert, U. S. Dept. Agr., 1909-13; hort., 1913-. —*b.* St. Remi, Que., May 21, 1865 (naturalized 1895); *s.* Norman and Hannah (Elvidge) S.; reared on farm; *m.* Ruth Hunt, Feb., 1897; *c.* Donald H., Bernice. B.S.A., Univ. Vt., 1894; M.Sc., Purdue Univ., 1896. Kappa Sigma; Alpha Zeta.

Stubbs, J. R., instr. voc. agr., high-sch., Summitville, Ind.

Teach. public schs., 1913-5; instr. voc. agr., high-sch., Mt. Vernon, Ind., 1920-4; Summitville, 1924-. —*b.* Thorntown, Ind., Mar. 20, 1893; *s.* E. B. and Emma (Brown) S.; reared on farm; *m.* Margaret Mae Gregory, Aug. 23, 1923. B.S.A., Purdue Univ., 1920. Theta Chi.

Stubbs, William Carter, state chem., 701 Howard Ave., New Orleans, La.; Dec. 7, 1843-July 7, 1924. See Rus 1920.

Stuckey, Henry Perkins, dir. Ga. Exp. Sta., Experiment, Ga.

Asst. hort., Ala. Poly. Inst., 1907; hort., Winthrop Normal and Ind. Coll., 1907-8; hort., Ga. Exp. Sta., 1908-19; dir., 1919-. Pres. Ga. State Hort. Soc., 1924. *Auth.*: (with E. J. Kyle) Pecan Growing, 1925. Ed. hort. sect., Southern Cultivator, 1910-. —*b.* Hartsville, S. C., Oct. 3, 1880; *s.* B. N. and Ann (Davis) S.; reared on farm; *m.* Cornelia C. Martin, Aug. 5, 1909; *c.* Irene H., Ann D., B.N., Cornelia M. B.S., Clemson Agr. Coll., 1906.

Sturkie, Dana Gibson, asst. prof. agrl. educ., Clemson Agr. Coll., Clemson College, S. C.

Instr. agron., Tex. A. & M. Coll., 1920-2; fellow, Ia. State Coll., 1922-3; asst. prof. agron., Clemson Agr. Coll., 1923-4; present position, 1924-. —*b.* Smith's Sta., Ala., Aug. 5, 1897; *s.* Wm. and Carrie (Gibson) S.; reared on farm. B.S., Ala. Poly. Inst., 1920; M.S.A., Ia. State Coll., 1923.

Sturm, H. G., co. agrl. agt., Clarksburg, W. Va.

b. Enterprise, W. Va., Aug. 30, 1893; *s.* L. R. and Martha (Nutter) S.; reared on farm; *m.* Folsom McGuire, June 5, 1922. B.S., Univ. W. Va., 1920. Theta Chi.

Sturtevant, Arnold Parker, assoc. apiculturist, Bur. Ent., U. S. Dept. Agr., Washington, D. C.

(Diseases of honey bees). —*b.* Denver, Colo., Sept. 2, 1889; *s.* E. Wallace and M. Adelaide (Page) S.; reared in city; *m.* Dorothy B. Durkee, Oct. 27, 1917; *c.* Lois Ann, Robt. Page. A.B., Clark Univ., 1912; student Mass. Inst. Tech., 1912-4; Ph.D., Geo. Washington Univ., 1923.

Sullins, Dee Granville, dairyman, Griffin, Ga.

Teach rural schs., Ala., 2 yrs.; distr. agrl. sch., Ala., 1913-4; asst. prof. an. husb., N. C. A. & M. Coll., 1916-7; an. husb., Md. Agr. Coll., 1917-8; swine ext. specialist, Conn. Agr. Coll., 1918-9; formerly an. husb., Ga. Exp. Sta. —*b.* Hackleburg, Ala., Feb. 19, 1891; *s.* A. M. and Martha J. (Avery) S.; reared on farm. B.S., Ala. Poly. Inst., 1913; B.S.A., Univ. Mo., 1915; M.S., 1916. Gamma Alpha.

Sullivan, Dan Thomas, farmer, Ojibwa, Wis.

Supt. live-stock, Tallahatchie Co. plantation, Phillipp, Miss., 1916-7; formerly co. agrl. agt., Clarkfield, Minn. In U. S. Army, July-Dec., 1918. (Live-stock). —*b.* Ft. Atkinson, Wis., Oct. 4, 1889; *s.* Dan H. and Minnie (Blanchard) S.; reared on farm; *m.* Joan G. Tierney, Oct. 24, 1917; *c.* Daniel Tierney. B.S., Univ. Wis., 1914. Alpha Sigma Phi.

Sullivan, Knowles Clark, asst. prof. ent. and deputy state nursery insp., Univ. Mo., Columbia, Mo.

b. Clever, Mo., Feb. 17, 1893; *s.* J. C. and Mary A. (Cantrell) S.; reared on farm; *m.* Lula M. Hughes, 1917. B.S.A., Univ. Mo., 1915; M.A., 1917. Sigma Kappa Zeta; Gamma Sigma Delta; Acacia.

Sullivan, Wallace, co. agrl. agt., Hanford Calif.

Princ. high-sch., Kipp, Kans., 1910-2; instr. agr., Ft. Lewis Sch. Agr., Hesperus, Colo., 1913-5; co. agt., Price, Utah, 1916-7; agt. King Co., Calif., 1917-. —*b.* Thompsonville, Ill., Dec. 5, 1887; *s.* Silas and Rhoda J. (Stull) S.; reared on farm; *m.* Mary Elva Bice, Jan. 1, 1911; *c.* Elizabeth I., Donald D., Elsie M. A.B., Ft. Hayes Normal Sch., Kans., 1913; B.S.A., Colo. Agr. Coll., 1916.

Summerby, Robert, prof. cereal husb., Macdonald College, Que.

Asst. cereal husb., Macdonald Coll., 1911-3; lect. in chg. cereal breeding, 1913-9; prof., 1919-. —*b.* Lachute, Que., June 6, 1886; *s.* Wm. H. and Eliza Jane (Laymachan) S.; reared on farm; *m.* Isabella Mary Hall, Dec. 28, 1916. B.S.A., McGill Univ., 1911; M.S.A., Cornell Univ., 1921.

Summers, Oliver N., ext. agt. poultry husb., Univ. Neb., Lincoln, Neb.

Corporal Signal Corps, U. S. Army, 1917-9. —*b.* Eagle, Wis., Feb. 4, 1894; *s.* Emery S. and Lydia (Myers) S.; reared in country; *m.* Lesa Richards, Aug. 18, 1921. B.S.A., Univ. Neb. Alpha Gamma Rho; Alpha Zeta.

Sumner, Harlan Randolph, ext. agron., Kans. State Agr. Coll., Manhattan, Kans.

Fellow in crops, Univ. Mo., 1917; asst. prof. agron., Mont. State Coll., 1919-23; present position, 1923-. In U. S. Army, 1917-9. —*b.* Peoria, Ill., Feb. 7, 1896; *s.* John S. and Belle (Allison) S.; reared on farm. B.S.A., Kans. State Agr. Coll., 1916; M.A., Univ. Mo., 1917. Alpha Zeta; Alpha Gamma Rho; Gamma Alpha; Phi Kappa Phi.

Sumner, William Allison, assoc. prof. agrl. journalism and assoc. agrl. ed., Univ. Wis., Madison, Wis.

Instr., Kans. State Agr. Coll., 1914-5; instr., Univ. Wis., 1915-8; asst. prof., 1918-23; assoc prof., 1923-. *Ed.,* Lincoln Kansas Republican. —*b.* Peoria, Ill., Feb. 19, 1892; *s.* John Stow and Clara Belle (Allison) S.; reared on farm; *m.* Alma Brunsell, June 19, 1918. B.S., Kans. State Agr. Coll. Sigma Delta Chi; Alpha Zeta; Phi Kappa Phi; Alpha Gamma Rho.

Sunderlin, Hiram Harold, ext. assoc. prof. agrl. engin., Ia. State Coll., Ames, Ia.

Teach., high-sch., Anamosa, Ia., 1915-7, Missouri Valley, 1917-8; co.

club leader, Wapello Co., Ia., 1918-9; present position, 1919-. (Soil erosion, ventilation of farm buildings). —*b.* Harvard, Ill., Feb. 2, 1891; *s.* Newton A. and Ellen (McKahan) S.; reared on farm and in town; *m.* Mate A. Powers, June 19, 1917. B.S., Ia. State Coll., 1915. Pi Kappa Alpha; Alpha Zeta.

Surface, Harvey Adam, orchardist and zool., Mechanicsburg, Pa.

Prof. zool., Penn. State Coll., 7 yrs.; state zool., Pa. Dept. Agr., 14 yrs.; ornithologist, Pa. State Bd. Agr., 10 yrs. Partner in Fleitz and Sprout orchards and Duncan and Surface orchards. Pres. Pa. Bee-Keepers Assoc., 14 yrs.; pres. Crumb Co. Hort. Assoc., 12 yrs.; Pa. dir., Nat. Teach. Conservation Assoc. Fellow A. A. A. S. —*b.* Waynesville, O., July 25, 1867; *s.* David and Maria J. (Thomas) S.; reared on farm; *m.* Ida May Bleasdale, May 30, 1893; *c.* Harley B., Violet May, Priscilla Beatrice. B.S., Ohio State Univ., 1891; M.S., 1892; Ph.D., Franklin and Marshall Coll., 1910. Sigma Xi.

Surratt, Andrew John, agrl. statistician, Div. Crop and Live Stock Estimates, U. S. Dept. Agr., Springfield, Ill.

Agrl. statistician in N. D., 9 yrs., Ill., 4 yrs. —*b.* Northfield, Minn., Nov. 2, 1881; *s.* Geo. G. and Mildred C. (Jackson) S.; reared on farm; *m.* Nan Bard Thomson, Sept. 3, 1912; *c.* Katherine, Margaret, Jean, Robt.

Sutherland, Mary Elizabeth, asst. prof. home econ., Wash. State Coll., Pullman, Wash.

Instr. dom. art, Ore. Agr. Coll., 1904-8; night teacher, N. Y. Preparatory Trade Sch., 1908-9; Lindhurst Summer Sch., 1909; city superv. dom. sci. and art, Grand Forks, N. D., 1911-3; ext. serv., N. D. Agr. Coll., 1913-7; present position, 1917-. B.S., Ore. Agr. Coll., 1904; studied Columbia Univ., 1908-9.

Suttle, E. S., farmer, Oakland Farm, Jonesville, Va.

Princ. Cumberland high-sch., Ewing, Va.,1909-10; princ. Pleasant View Sch., Rose Hill, 1910-2; dir. educ., Wash. State Reformatory, Monroe, 1912-4; formerly co. agrl. agt., Jonesville. —*b.* Jonesville, Va., Dec. 15, 1886; *s.* S. M. and Elizabeth M. (Legg) S.; reared on farm; *m.* Julia A. Sample, Oct. 3, 1914; *c.* Evelyn, Jas. M. B.A., Emory and Henry Coll., Emory, Va., 1909.

Sutton, Dennis Howard, teach. voc. agr., Rowan Co. Farm Life Sch., China Grove, N. C.

Supt. schs. and teach. agr., Bladenboro, N. C., 1920-3; present position, 1923-. —*b.* Columbia, N. C., Sept. 25, 1897; *s.* Jas. Wm. and Elizabeth (Hopkins) S.; reared on farm; *m.* Maude Pennell Minish, July 2, 1924; *c.* Sarah Elizabeth. B.S., N. C. State Coll., 1920.

Sutton, Frederick James, hort., Niagara Sprayer Co., Middleport, N. Y.

Instr. hort., Purdue Univ., 1916-7; instr. hort., N. C. State Coll., 1917-8; asst. prof. hort., Univ. Ky., 1918-9; present position, 1919-. —*b.* Baltimore, Md., Jan. 14, 1894; *s.* Wm. E. and Harriett J. (Boone) S.; reared in town. B.S.A., Purdue Univ., 1915; M.S.A., Cornell Univ., 1916. Alpha Zeta.

Sutton, Luther Francis, supt. agrl. exp. sta., Wardensville, W. Va.

Prof. higher math., Salem Coll., W. Va., 1906-7; supt. schs., W. Union, W. Va., 1908-10; asst. hort. W. Va. Exp. Sta., 1912-7; supt. Reymann Mem. Farms, 1917-. *Assoc. ed.,* American Fruit Grower. —*b.* Blandville, W. Va., Apr. 21, 1881; *s.* F. M. and Hannah (Vannort) S.; reared on farm; *m.* Clellie Lowther, Aug. 14, 1907; *c.* Marion L., Robt. Lee, John Luther, Richard Francis. B.S., Salem Coll., 1906; B.S.A., Univ. Wis., 1912.

Sutton, Robert Gwynn, distr. agrst. and rep. Land Settlement Bd., Prince George, B. C.

Served in Canadian Army, 1916-9. —*b.* Norwich, Ont., Dec. 28, 1890; *s.* Henry A. and Margaret (Johnson) S.; reared on farm; *m.* Frederica Oliver, Oct. 28, 1921. B.S.A., Ont. Agr. Coll., 1920.

Swaim, Henry H., fruit-grower, S. Bend, Ind.

Pres. Ind. Hort. Soc., 1905-17, sec.-treas., 1918-25. —*b.* S. Bend, Ind., May 20, 1858; *s.* John Milton and Malinda (Way) S.; *m.* Corinne Hunt, Jan. 14, 1886; *c.* Jessie, Ben, Chas., Ada, Ira.

Swaim, John Earl, general manag. S. W. Amer. Livestock Show and pres. Fidelity Supply Co., Oklahoma City, Okla.

City supt. schs., Beaver City, Okla., 1909-11; co. supt. schs., 1911-3; instr. N. W. State Normal, Alva, Okla., summer 1914; boys' agrl. club agt., Okla. A. & M. Coll., 1915-9; pres. and general manag. Coop. Livestock Development Assoc., Oklahoma City, 1919-22; present position, 1922-. —*b.* Garden Plains, Kans., June 3, 1885; *s.* Thos. J. and Rachel (Miller) S.; reared on farm; *m.* Camille Blanch Munger, Nov. 24, 1910; *c.* Thos. Frederic, Chas. Eugene, Hollie Elizabeth, John E. Jr. Student Okla. Baptist Coll., 2 yrs.; N. W. State Normal, 1 yr. Delta Sigma Alpha.

Swaine, James Malcolm, assoc. Dominion ent., Dept. Agr., Ottawa, Ont.

Asst. ent. and zool., Cornell Univ., 1906-7; lect., Macdonald Coll., 1907-11; chief div. for. insects, Dominion Ent. Branch, 1912-23; present position, 1923-. (For. Coleoptera, especially Scolytidæ). —*b.* Barrington, N. S., Oct. 14, 1879; *s.* Jas. and Sophia (Hamilton) S.; *m.* Minnie Munro Creelman, Mar. 27, 1905; *c.* Helen Alison. B.S.A., Cornell Univ., 1905; M.S.A., 1906; Ph.D., 1914. Sigma Xi.

Swann, F. A., co. agrl. agt., Marksville, La.

b. Elmer, La., Feb. 8, 1892; *s.* H. C. and Sarah (Mace) S.; reared on farm; *m.* Lou Laborde, Nov. 19, 1918. B.S., La. State Univ., 1914.

Swanson, Arthur Frithiof, asst. agron., U. S. Dept. Agr., Ft. Hays Exp. Sta., Hays, Kans.

(Small grains and grain sorghums). —*b.* Wahoo, Neb., June 7, 1891; *s.* Olaf and Matilda (Johnson) S.; reared on farm. B.S.A., Kans. State Agr. Coll., 1919; M.S., Univ. Minn., 1922. Pi Kappa Delta.

Swanson, Charles Oscar, prof. and head dept. of milling ind., Kans. State Agr. Coll., Manhattan, Kans.

Princ. high-sch., Jackson, Minn., 1899-1900; sci. teach., high-sch., Canon Falls, 1900-3; instr. agrl. chem. and asst. chem. Exp. Sta., Purdue Univ., 1905-6; asst. chem., Kans. Exp. Sta., 1906-14; assoc. chem., 1914-23; asst. prof. agrl. chem., Kans. State Agr. Coll., 1909-14; assoc. prof., 1914-20; prof., 1920-3; present title, 1923-. (Soil chem., chem. of crops, wheat and flour, nutr.). —*b.* Sweden (naturalized as minor); *s.* Magnus and Johanna (Johnson) S.; reared on farm; *m.* Esther C. Holmberg, 1901; *c.* Charlotte Huntington, Esther Hildegarde. A.B., Carleton Coll., 1899; M.S.A., Univ. Minn., 1905; Ph.D., Cornell Univ., 1922. Sigma Xi; Gamma Sigma Delta; Phi Kappa Phi.

Swanson, Frank Arvid, dir. voc. agr., high-sch., Kingman, Kans.

b. Norcatur, Kans., Dec. 4, 1900; *s.* O. S. and Tilda (Johnson) S.; reared on farm. B.S.A., Kans. State Agr. Coll., 1923. Phi Delta Kappa; Gamma Sigma Delta.

Swanson, Hugo T., teach. agr., high-sch., Escanaba, Mich.

Teach. agr., high-sch., St. Louis, Mich., 1923-4; Escanaba, 1924-. —*b.* Ishpeming, Mich., Mar. 15, 1897; *s.* Nicholas and Mary (Okesson) S.; reared in town; *m.* Jessie MacKinnon, June 30, 1925. B.S., Mich. Agr. Coll., 1923. Alpha Zeta.

Swarthout, Arthur Vance, marketing econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washintgon, D. C.

b. Chubb Corners, Mich., Nov. 5, 1885; *s.* H. H. and Hattie (Cordley) S.; reared on farm; *m.* Gertrude McBee, Feb. 18, 1914. B.S., Ore. Agr. Coll., 1912.

Swartz, Peter Charles, farmer, Waukesha, Wis.

Pres. Wis. Alfalfa Order, 1916-; treas. Wis. Exp. Assoc., 1916-; farm inst. lect., 1916-. Dir. Farmers State Bank, Waukesha. Part owner Corn-

falfa Farms. —*b.* Waukesha, Wis., Aug. 25, 1882; *s.* Peter M. and Catherine M. (Phillips) S.; reared on farm; *m.* Ida Mary Stickels, Dec. 3, 1919.

Swedberg, Jasper I., farmer, St. James, Minn.

Dir. agr., high-sch., Cokato, Minn., 1913-6; Madison, Minn., 1916-8; co. agrl. agt. Grant Co., S. D., 1916-20. —*b.* St. Paul, Minn., Nov. 17, 1889; *s.* Jas. S. and Hannah S.; reared on farm; *m.* Julia Hawkinson, Sept. 9, 1914; *c.* Genevieve Elinor, Jas. Hawkins, Ruth Margaret. B.S.A., Univ. Minn. Alpha Zeta.

Sweet, Louis Dennison, rancher and farmer, Carbondale, Colo.

On cattle ranch, 1880-5; railroading, 1886-8; co. treas. Pitkin Co., Aspen, Colo., 1889-94; general manag. Ry. Supply Co., Denver, 1894-1900; vice-pres. and manag. sales dept., Large Mfg. Co., N. Y. City, 1900-4; farmer grain, alfalfa, potatoes, 1905-. Chm. exec. com., Potato Assoc. of Amer.; 1st vice-pres. Intern. Farm Congress. Served in U. S. Food Adminis., 1917-8; in div. dehydration fruit and veg., U. S. Dept. Agr., 1918-9. —*b.* Barry, Ill., May 4, 1863; *s.* John L. and Ella (Peck) S.; reared in town and on ranch; *m.* Jennie Mulliken, Aug. 27, 1889; *c.* Stuart L.

Sweeting, Bertram Stanley, supt. milk production, Carnation Milk Farms, Carnation, Wash.

Ext. asst. an. husb., Univ. B.C., 1922; present position, 1923-. —*b.* Nassau, Bahamas, Feb. 10, 1900; *s.* Roger S. and Anne B. (Thompson) S.; reared on farm and in city; *m.* Alice Jackson, July 1, 1925. B.S.A., Univ. B.C., 1922; M.Sc., Ia. State Coll., 1923. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Sigma Phi Epsilon.

Sweeton, Arthur Watson, farmer and Fed. Land Bank appraiser, Collinsville, Conn.

Formerly co. agrl. agt., Brattleboro, Vt. —*b.* Canton Center, Conn., May 20, 1886; *s.* A. W. and Nellie L. (Case) S.; reared on farm; *m.* Helen G. Humphrey, Oct. 11, 1911; *c.* Arthur Watson, Frederick Humphrey, Barbara May. B.Agr., Cornell Univ., 1909.

Sweetser, Herman Pittee, prof. hort., Univ. Me., Orono, Me.

Fruit-grower, Cumberland Center, Me., 1911-2, 1916; asst. state hort., State Dept. Agr., 1913-5; asst. prof. hort., Univ. Me., 1916-7; assoc. prof., 1919; prof., 1919-. Exec. sec. to State Food Adminis., 1917-8. —*b.* Cumberland Center, Me., Sept. 14, 1887; *s.* F. R. and Mary E. (Osgood) S.; reared on farm; *m.* Phyllis R. Sturdivant, Aug. 14, 1919. B.S., Univ. Me., 1910. Sigma Chi.

Swem, Earl Gregg, agrl. bibliographer, Coll. of William and Mary, Williamsburg, Va.

Librarian, Armour Inst., 1901-2; in Library of Congress, 1902-7; asst. librarian, Va. State Library, 1907-19; librarian William and Mary Coll., 1920-. *Ed.,* Va. State Library Bull., 1908-19. (Agrl. bibliography of Va.). —*b.* Belle Plain, Ia., Dec. 29, 1870; *s.* Edward L. and Emeline (Luse) S.; *m.* Lilia S. Hansbrough, 1907. A.B., Lafayette Coll., 1893; A.M., 1896.

Swenehart, John Henry Jr., prof. agrl. engin. in chg. land clearing, Univ. Wis., Madison, Wis.

Student asst. ent., S. D. State Coll., 1911; agrl. dir., public schs., Jordan, Minn., 1911-4; co. agt., Crandon, Wis., 1914-8; asst. prof. agrl. engin., Univ. Wis., 1918-9; assoc. prof., 1919-23; prof., 1923-. —*b.* Vandervoort, S. D., Aug. 18, 1890; *s.* John Henry and Bessie Imogen (Babcock) S.; reared on farm. B.S., S. D. State Coll., 1911.

Swenk, Myron Harmon, chm. dept. ent., prof. econ. ent., state ent. and ent. Exp. Sta., Univ. Neb., Lincoln, Neb.

Lab. asst. ent., Neb., 1904-7; adj. prof., 1907-10; asst. prof., 1910-1; assoc. prof., 1911-4; prof., 1915-; chm. dept., 1919-; asst. ent. Exp. Sta., 1907-12; assoc. ent., 1912-9; ent., 1919-; asst. state ent., 1907-19; state ent., 1919-. Fellow A. A. A. S.; pres. Wilson Ornith. Club, 1918-9; sec.-treas. Neb. Or-

nith. Union, 1908-. —*b.* Polo, Ill., Aug. 8, 1883; *s.* Howard and Susan (Harmon) S.; *m.* Jane C. Bishop, Apr. 24, 1918. A.B., Univ. Neb., 1907; M.A., 1908. Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

Swett, Frank Tracy, fruit-grower, Martinez, Calif.

Hort. comnr., Contra Costa Co., Calif., 1905-9, 1915-9; vice-pres. Calif. Viticultural Comn., 1913-9; pres. Calif. Grape Growers Assoc., 1916-20; pres. Contra Costa Fruit Growers Assoc., 1915-20; pres. Calif. Pear Growers Assoc., 1917-20; pres. Contra Costa Farm Bur., 1917. (Pear and grape-growing). —*b.* San Francisco, Calif., Nov. 22, 1869; *s.* John and Mary L. (Tracy) S.; reared in city; *m.* Myrta Wallace More, 1907; *c.* Margaret, Elizabeth. Student Univ. Calif.

Swett, Walter Whittier, dairy husb., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Instr. dairy husb., Univ. Mo., 1916-9; asst. prof., 1919; assoc. prof., 1920-2; assoc. dairy husb. and dairy husb., Bur. An. Ind., U. S. Dept. Agr., 1922-4; dairy husb., Bur. Dairying, 1924-. —*b.* Deerfield, N. H., Jan. 3, 1892; *s.* Byron and Elizabeth M. (Whittier) S.; reared on farm; *m.* Nellie E. Birch, June 15, 1918; *c.* Margaret Birch. B.S.A., N. H. Coll., 1915; A.M., Univ. Mo., 1916. Sigma Xi; Alpha Zeta; Gamma Alpha; Gamma Sigma Delta.

Swingle, Charles F., jr. pom., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Commercial nursery work, Calif., 1920-2; asst. nursery stock invests., U. S. Dept. Agr., 1922-. —*b.* Manhattan, Kans., May 13, 1899; *s.* John F. and Stella (Leonhardt) S.; reared on farm and in town; *m.* Mildred Berry, June 3, 1920; *c.* Dorothy Jean. B.S.A., Kans. State Agr. Coll., 1920. Alpha Zeta; Gamma Sigma Delta.

Switzer, Herbert Brazilla, bact., Cent. Distr. Bur. Chem., 1625 Transportation Bldg., Chicago, Ill.

Asst. dairy bact. and market milk, Purdue Univ., 1912-3; instr., 1913-6; asst. prof., 1916-7; present position, 1917-. (Frozen eggs, canned food products). —*b.* Bradford, N. Y., June 25, 1888; *s.* Almon B. and Lillian (Mapes) S.; reared on farm; *m.* Eleanor M. Hurst, Aug. 14, 1912; *c.* Eleanor Margaret, Ruth Jeanette, Doris Philipine. B.S.A., Cornell Univ., 1912. Omega Tau Sigma.

Swoboda, Frank G., general manag. Wis. Cheese Producers Fed., Plymouth, Wis.

Educ. sec., Milwaukee Y. M. C. A., 1904-6; supt. Wis. Home and Farm Sch., 1906-13; co. agrl. agt., Antigo, Wis., 1913-7, Wausau, 1919-21. Pres. Waukesha Co. Holstein Breeders Assoc., 1912-3. —*b.* Milwaukee Co., Wis., Jan. 19, 1880; *s.* Joseph and Winnie (Kadlec) S.; reared on farm; *m.* Hattie Martenson, Oct. 1, 1907; *c.* Muriel, Winifred, Ralph, Robt. B.S.A., Univ. Wis., 1902.

Swope, Wilbur David, assoc. prof. dairy husb., Penn. State Coll., State College, Pa.

Farm operator, 1912-4; asst. instr. dairy husb., Penn. State Coll., 1914-9; instr., 1919-21; asst. prof., 1921-4; assoc. prof., 1924-. —*b.* Colfax, Pa., Feb. 25, 1886; *s.* Jas. Franklin and Belle (Pheasant) S.; reared on farm; *m.* Maude A. Houck, Aug. 11, 1915; *c.* Caroline Louise, Margaret Jeane. B.S., Penn. State Coll., 1919; M.S., 1923. Tau Kappa Epsilon.

Symons, Thomas Baddeley, dir. ext. serv., Univ. Md., College Park, Md.

Assoc. state ent., Md. Agr. Coll., 1903-4; state ent. and prof. ent. and zool., 1904-12; state ent. and dean Sch. Hort., 1912-4; dir. ext. serv., 1914-. Fellow A. A. A. S. Sec. Md. State Hort. Soc., 1906-18; sec. Md. Agr. Soc. —*b.* Easton, Md., Sept. 2, 1880; *s.* Robt. and Susie (Baddeley) S.; reared on farm; *m.* Susie LaRoche, 1907; *c.* Helen, Isabelle, Josephine. B.S., Md. Agr. Coll., 1902; M.S., 1904; D.Agr., 1918.

Szymoniak, Boleslaus, asst. dir. Fruit and Truck Exp. Sta., Hammond, La.

Supt. gardening, City Club, Kansas City, Mo., 1910-1; asst. hort., Univ. Mo.,

1911-4; fruit and truck specialist ext., N. C. State Coll., 1914-7; sci. asst, U S. Dept. Agr., 1917-8; fruit and truck specialist, 1918-22; present position, 1922-. (Pecan culture). —*b.* Posen, Poland, Feb. 26, 1887 (naturalized as minor); *s.* Andrew and Anastasia (Mielcarek) S.; reared in city and on farm; *m.* Edna Savant, June 7, 1921. B.S.A., Univ. Mo., 1910.

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Taber, Louis J., farmer, Barnesville, O.

Master Nat. Grange; mem. Coolidge Comn. Agrl. Inquiry; vice-pres. Ohio-Penn. Joint Stock Land Bank; vice-pres. Farmers & Traders Life Insurance Co.; mem. Amer. Farm Radio Council; vice-pres. Amer. Country Life Assoc.; mem. O. Library Comn.; former master and lect. O. State Grange; dir. agr. for O.; farmers inst. lect.; pres. O. Home Protective League; mem. O. Council Defense; mem. Bd. control, Ohio Agr. Exp. Sta. (Rural organization). —*b.* Mt. Pleasant, O., Sept. 19, 1878; *s.* Joseph John and Mary (Pickett) T.; reared on farm; *m.* Edna Bailey, Oct. 27, 1909; *c.* Joseph Paul, Frances Bailey. Educ. Friends Coll.

Taber, Ralph Fred, farm manag. dem., Ohio State Univ., Columbus, O.

Farm manag. dem., Univ. N. H., 1916-7; present position, 1918-. —*b.* New Lisbon, N. Y., Nov. 25, 1891; *s.* Fred and Ella (Carleton) T.; reared on farm; *m.* Irene Jones, Oct. 16, 1912; *c.* Jean Richmond, Howard Carleton. B.S., Mass. Agr. Coll., 1916; M.A., Harvard Univ., 1924. Phi Kappa Phi.

Taff, Paul Clifford, asst. dir. ext., Ia. State Coll., Ames, Ia.

Assoc. ed., Corn Magazine, 1914. —*b.* Funks' Grove, Ill., Feb. 28, 1887; *s.* Alexander and Anna (Kaiser) T.; reared on farm; *m.* Gertrude Carberry, June 1913; *c.* Jas. A., Anne Marie, Regina, Mary, Marjorie. B.S., Ia. State Coll., 1913. Alpha Zeta.

Taft, Harry Goodell, teach. agr. and supt. high-sch., Eau Claire, Mich.

2d Lieut. Inf., U. S. Army, 1917-9. Pres. Mich. Assoc. for Advancement Agrl. Educ. (Hort.). —*b.* E. Lansing, Mich., Mar. 5, 1892; *s.* L. R. and Ella (Maynard) T.; reared in town; *m.* Bertha Wagener, Aug. 14, 1918. B.S., Mich. Agr. Coll.

Taft, Levi Rawson, chief hort., State Dept. Agr., Lansing, Mich.

Asst. prof. hort., Mass. Agr. Coll., 1882-5; asst. prof. hort., Univ. Mo., 1885-8; prof. hort. and lands. gard., Mich. Agr. Coll., 1888-1902; hort. Mich. Exp. Sta., 1888-1908; consulting hort. Exp. Sta., 1908-9; state supt. farmers insts., 1902-17; state insp. nurseries and orchards, E. Lansing, Mich., 1902-21; present position, 1921-. General manag., Eveline Orchards, E. Jordan, Mich., 1910-. Chm. hort. jury, St. Louis Expos., 1904; mem. exec. com., Mich. Hort. Soc. and Mich. Agr. Soc.; treas. Amer. Pom. Soc. Croix d'Officier du Merite Horticole, France. *Auth.:* Greenhouse Construction, 1891; Greenhouse Management, 1895. —*b.* Mendon, Mass., Aug. 22, 1859; *s.* Austin A. and Helen M. (Mather) T.; reared on farm; *m.* Ella Sabra Maynard, June, 1884; *c.* Grace Helen, Lillian Maynard, Howard Austin, Hazel Charlotte, Harry Goodell, Ethel. B.S., Mass. Agr. Coll., 1882; M.S., Univ. Mo., 1888. Alpha Sigma Phi; Phi Kappa Phi.

Taggart, Paul I., teach. agr. and supt. Otoe Consolidated Schs., Barneston, Neb.

Teach. voc. agr., Weeping Water, Neb., 1922-4; present position, 1924-. —*b.* Chambers, Neb., Oct. 1, 1900; *s.* Samuel and Edith (Smith) T.; reared on farm; *m.* Louise E. Cook, July 16, 1924. B.S.A., Univ. Neb., 1922.

Talbert, Thomas J., prof. and chm. dept. hort., Univ. Mo., Columbia, Mo.

Asst. ent. and deputy state nursery insp., Univ. Mo., 1913-4; ext. ent., Kans. State Agr. Coll., 1914-5; ext. asst. prof. ent., Univ. Mo., 1915-7; exec. sec., U. S. Food Adminis. for Mo., 1917-9; ext. assoc. prof. hort., Univ. Mo., Feb.-July 1919; asst. prof. pom., Univ. Calif., Sept.-Dec. 1919; supt. farmers insts. and ext. schs. and chg. subject matter specialists, Kans. State Agr. Coll., 1920-2; present position, 1922-. —*b.* Exeter, Mo., Mar. 15, 1880; *s.* David and Frances Ruth (Sallee) T.; reared

on farm; *m.* Mary Allene Williams, Aug. 2, 1916; *c.* John David, Patricia Ann, Frances Jane. B.S.A., Univ. Mo., 1913; A.M., 1917. Gamma Sigma Delta; Alpha Zeta.

Talbot, George D., teach. voc. agr., high-sch., Chardon, O.

Present position, 1920-. Served in Med. Dept., U. S. Army, 1918-9. —*b.* Willoughby, O., Dec. 22, 1894; *s.* Howard E. and Della G. (Hopkins) T.; reared in country; *m.* Ethelbelle Campbell, Aug. 5, 1920. B.S.A., Univ. Wis., 1915.

Talbot, Nora Amaryllis, dean Sch. Home Econ., Okla. A. & M. Coll., Stillwater, Okla.

Superv. and instr. home econ., 1910-5; prof. household arts, Okla. A. & M. Coll., 1915-23; dean Sch. Home Econ., 1923-. —*b.* Stella, Neb., Aug. 30, 1882; *d.* Jon Patterson and I. Alice (Summers) T.; reared on farm and in town. B.S., Okla. A. & M. Coll., 1910; A.M., Columbia Univ., 1922. Chi Omega; Omicron Nu; Phi Kappa Phi.

Talbot, Paul Burton, ed. and pub. Corn Belt Farmer and Iowa Farmer, 1706 Arlington Ave., Des Moines, Ia.

In Gold Camp, Colo., 2 yrs.; with Amer. Steel and Wire Co., 2 yrs.; with Wm. Galloway Co., 3 yrs.; farm paper ed. and pub., 12 yrs. —*b.* De Kalb, Ill., Apr. 1, 1888; *s.* Geo. I. and Lucy Emma (Maxwell) T.; reared in town; *m.* Grace A. Dunlap, Mar. 10, 1919; *c.* Emily, Roy, Jean, Mary.

Talcott, Avis, asst. state home dem. leader, Ia. State Coll., Ames, Ia.

Asst. state chem., Ia. State Food and Dairy Dept., 1906-12; instr. chem., Ia. State Coll., 1912-5; instr. chem., Kans. Univ., 1915-7; home dem. agt. Atchison Co., Kans., 1917-9; Fairfield Co., Conn., 1919-21; Poweshiik Co., Ia., 1921-2; present position, 1922-. —*b.* Rockford, Ill.; *d.* Samuel Norton and Mary Avis (Brundidge) T.; reared on farm. B.A., Rockford Coll., 1906; student Kans. Univ. 1915-7; Univ. Chicago, summer 1917.

Taliaferro, W. T. L., prof. farm manag., Univ. Md., College Park, Md.

Princ. graded sch., Gloucester, Md., 1876-81; princ. Bel Air Acad., Md., 1881-6; prof. agr., Md. Agr. Coll., 1892-; acting dean Div. Agr., 1915-7. Sec.-treas. Md. State Weather Serv., 1903-23. *Assoc. ed.,* Harford Democrat, Bel Air, Md., 1886-92. —*b.* Gloucester Co., Va., July 20, 1856; *s.* Wm. Booth and Sally (Lyons) T.; reared on farm; *m.* Emily Franklin Johnson, June 18, 1896. A.B., William and Mary Coll., 1876; D.Sc., Md. Agr. Coll. Phi Beta Kappa; Beta Theta Pi; Phi Kappa Phi.

Talmage, Harry John, teach. agr., Smith Acad., Hatfield, Mass.

Teach. agr., Arms Acad., Shelburne Falls, Mass., 1922-4; present position, 1924-. Served in U. S. Army, 1918-9. (An. husb.). —*b.* Warren, Pa., Oct. 9, 1895; *s.* Frank M. and Anna Marie (Flacke) T.; reared in country; *m.* Mary Ila Hoag, June 28, 1920; *c.* John Hoag. B.S., Mass. Agr. Coll., 1922. Kappa Epsilon.

Talmage, Henry Raynor, farmer, Riverhead, N. Y.

Vice-pres. L. I. Cauliflower Assoc.; pres. Corinna Seed Potato Farms, Inc.; dir. N. Y. State Farm Bur. Fed. (Seed potatoes). —*b.* Westhampton, N. Y., Dec. 28, 1871; *s.* Nathaniel M. and Mary F. (Raynor) T.; reared on farm; *m.* Ellen E. Wells, July 25, 1895; *c.* Nathaniel A., Christine. Short-course student, Cornell Univ., 1894.

Talman, Charles Fitzhugh, meteorologist and librarian, U. S. Weather Bur., Washington, D. C.

In chg. meteorological stations in S. Amer. and W. Indies, 1898-9. Sec. meteorological subsect., 2d Pan Amer. Sci. Congress. *Auth.:* Meteorology, the Science of the Atmosphere, 1922. (Terminology and nomenclature of meteorology). —*b.* Detroit, Mich., Aug. 31, 1874; *s.* Robt. Fitzhugh and Jessica (Mack) T.; reared in city; *m.* Grace F. Edes, Nov. 16, 1909; *c.* Constance Elizabeth Marjorie, Benj. Long Edes. Student Kalamazoo Coll., 1893-4.

Tanquary, Maurice Cole, commerical beekeeping, Fargo, N. D.

Asst. ent., Univ. Ill., 1907-12; instr. ent., Kans. State Agr. Coll., 1912-3; zool., Crockerland Arctic Exped., 1913-6; asst. prof. ent., Kans. State Agr. Coll., 1916-20; state ent. of Tex., 1920-4. Fellow Amer. Geographic Soc. —*b.* Lawrence Co., Ill., Nov. 26, 1881; *s.* Thos. J. and Flora (Cole) T.; reared on farm; *m.* Josephine Woodward Perry, July 1, 1916; *c.* Jean, Margaret Ruth. A.B., Univ. Ill., 1907; M.A., 1908; Ph.D., 1912. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Delta Sigma Rho; Acacia.

Tanruther, Edgar M., teach. voc. agr. and supt. schs., Delhi, Ia.

b. Waterloo, Ia., Sept. 23, 1901; *s.* W. O. and Mary (Lichty) T.; reared on farm. B.S., Ia. State Coll., 1924. Alpha Mu.

Tapke, Victor Ferdinand, assoc. path., Off. Cereal Invests., U. S. Dept. Agr., Washington, D. C.

Instr. plant path., Cornell Univ., 1916-8; with U. S. Dept. Agr., 1918-. (Smut diseases of cereals). —*b.* Cincinnati, O., May 7, 1890; *s.* Henry J. and Marie (Dickman) T.; reared in city and country; *m.* Ruth Harriett Butts, June 1, 1922. B.S.A., Ohio State Univ., 1914. Sigma Xi; Alpha Sigma Phi.

Tapley, William Thorpe, prof. veg. gard., Penn. State Coll., State College, Pa.

Grad. asst. hort., Univ. Minn., 1916, 1919; asst. prof. hort., Univ. Minn., 1920-3; present position, 1923-. Mem. Pa. Acad. Sci. 1st. Lieut., Motor Transport Corps, 1917-9; in Amer. Field Serv., Mallet Res. French Auto. Serv., 1917. —*b.* Revere, Mass., Oct. 5, 1893; *s.* Geo. Arthur and Helen A. (Pickering) T.; reared on farm; *m.* Grace Bennett Wynne, Dec. 30, 1921; *c.* Helen Elizabeth. B.S., Univ. N. H., 1916; M.S., Univ. Minn., 1920. Sigma Alpha Epsilon; Alpha Zeta; Gamma Alpha.

Tapp, Jesse W., assoc. agrl. econ., U. S. Dept. Agr. and exec. sec. N. E. Res. Council on Marketing and Food Supply, 408 Atlantic Ave., Boston, Mass.

b. Corydon, Ky., Jan. 2, 1900; *s.* Neal and Delia (Campbell) T.; reared on farm; *m.* Isabelle Dickey, Aug. 22, 1922. B.S.A., Univ. Ky., 1920; M.S., Univ. Wis., 1922. Alpha Tau Omega; Alpha Zeta.

Tappan, Gladys, distr. home dem. agt., Ala. Poly. Inst., Auburn, Ala.

b. White Plains, Ga., Mar. 13, 1892; *d.* Geo. Wm. and Claudia (Moore) T.; reared in town. Grad. Ga. State Coll. for Women.

Tate, Alfred, appraiser for Fed. Land Bank, St. Louis, Mo.

Supt. high-sch., Rollo, Ill., 1914-8; co. agrl. agt., Waterloo, Ill., 1918-24. (An. husb.). —*b.* Belleville, Ill., May 15, 1882; *s.* John and Martha J. (Reynolds) T.; reared on farm. B.S., Univ. Ill., 1914.

Tatum, Bird Evalyn, home dem. agt., Wynne, Ark.

Teach. dom. art, Crescent Coll., Eureka Springs, Ark. State chm. food production and conservation, Nat. Council Defense. Del. to League of Nations Convention, St. Louis, 1919. —*b.* Ola, Ark., Mar. 8, 1883; *d.* E. U. and Rosa (Foster) Thomas; reared in town; *m.* Hiram Abiff Tatum, Sept. 20, 1900; *c.* Rosalyn, Madge. Student Talloway Female Coll., 2 yrs.

Tatum, Ezra Carl, instr. voc. agr., high-sch., Mocksville, N. C.

b. Mocksville, N. C., Mar. 11, 1898; *s.* A. E. and I. M. (Miller) T.; reared on farm; *m.* Janie Murray, Dec. 23, 1924. B.S., N. C. State Coll. Alpha Zeta.

Taubenhaus, Jacob Joseph, chief div. plant path. and physiology, Tex. Exp. Sta., College Station, Tex.

Assoc. plant path., Del. Exp. Sta., 1909-15; present position, 1916-. *Auth.*: Culture and Diseases of Sweet Peas, 1917; Truck Crop Diseases, 1918; Diseases of Greenhouse Crops, 1920; Culture and Diseases of the Sweet Potato, 1923; Culture and Diseases of the Onion, 1924. —*b.* Palestine, Oct., 1884 (naturalized 1908); *s.* Meyer and Bet Sheba (Laeh) T.; reared on farm;

m. Esther Michla Hirchenson, 1910; *c.* Leon Yahir, Ruth Ziporah. B.S., Cornell Univ., 1908; M.S., 1909; Ph.D., Univ. Penn., 1913. Sigma Xi.

Taylor, Albert D., lands. arch. and town planner, 4614 Prospect Ave. Cleveland, O. and N. Main St. Orlando, Fla.

Instr. lands. arch., Cornell Univ., 1906-8; non-resident prof. lands. arch., Ohio State Univ., 1915-; lands. arch., Boston, 1908-1914; Cleveland, 1914-. Traveled in Europe, 1907. *Auth.:* Shade Trees Their Care and Preservation, 1908; Plants for Landscape Planting, 1916; The Complete Garden, 1922; Landscape Construction Notes, 1924. —*b.* Carlisle, Mass., July 8, 1883; *s.* Nathaniel A. and Ellen F. (Davis) T.; reared on farm; *m.* Genevieve H. Brainerd, June 16, 1917. B.Sc., Mass. Agr. Coll., 1905; M.S.A., Cornell Univ., 1906. Alpha Sigma Phi; Gamma Alpha; Phi Kappa Phi.

Taylor, Alva Wilmot, sec. social serv., Indianapolis, Ind.

Pastor college church and teach., Eureka Coll., 1903-9; prof. social serv., Sch. Religion, Univ. Mo., 1910-21. Mem. com. on rural church, Fed. Council of Churches; dir. Mo. rural survey for Interchurch World Movement; mem. Interchurch comn. to investigate the steel strike of 1919. Del. to Ecumenical Missionary Conference, Edinburg, 1900. Traveled in Europe, 1 yr.; studied Irish tenant problem. *Auth.:* Social Work of Christian Missions, 1911; co-auth. Church and Industrial Reconstruction, 1920. Contributing ed., Christian Century, Chicago. —*b.* Anamosa, Ia., Nov. 15, 1871; *s.* L. S. and Mary Ellen (Mershon) T.; reared on farm; *m.* Mary Gertrude Price, Apr. 30, 1902; *c.* Mary Ruth, McLean. B.Ph., Drake Univ., 1896; M.Ph., Univ. Chicago, 1910. Phi Beta Kappa.

Taylor, Carl C., dean Grad. Sch. and dir. bur. econ. and social res., N. C. State Coll., Raleigh, N. C.

Instr. public speaking, Tex. Univ., 1911-3; instr. econ. and sociol., Mount Holyoke Coll., 1915; assoc. prof. rural sociol. and econ., Univ. Mo., 1916-20; present position, 1920-. Mem. exec. com., Amer. Country Life Assoc. *Auth.:* (with Shurter) One Hundred Public Questions Briefly Debated, 1913; The History and Method of the Social Survey, 1919. —*b.* Harlan, Ia., Dec. 16, 1884; *s.* L. S. and Mary Ellen (Mershon) T.; reared on farm; *m.* Euphie E. Ramsey, June 24, 1914. B.A., Drake Univ., 1911; M.A., Tex. Univ., 1914; Ph.D., Univ. Mo., 1917. Phi Beta Kappa; Phi Kappa Phi; Delta Sigma Phi; Delta Sigma Rho.

Taylor, Charles Arthur, asst. co. agt., leader, Cornell Univ., Ithaca, N. Y.

Instr. agr., high-sch., Hancock, N. Y., 1911-4; manag. Herkimer Co. Farm Bur., 1915-20. Pres. N. Y. State Organization Farm Bur. Managers, 1919-20. —*b.* Norwich, N. Y., June 6, 1886; *s.* Chas. Byron and Emily Florence (Pulford) T.; reared on farm; *m.* Edna Louise Ferris, Aug. 21, 1912; *c.* Chas. A. Jr., Florence Louise, Robt. B. Student Cornell Univ.

Taylor, Clifford Curtis, assoc. prof. agrl. econ., Va. Poly. Inst., Blacksburg, Va.

Ext. specialist, Univ. Ida., 1920-1; res. asst., Ia. State Coll., 1921-3; present position, 1923-. —*b.* Loveland, Colo., May 15, 1895; *s.* Zachary and Winona (Washburn) T.; reared on farm; *m.* Emma Marie Harned, June 1, 1921; *c.* Clifford C. Jr. B.S., Colo. Agr. Coll., 1917; M.S., Ia. State Coll., 1923. Alpha Zeta; Pi Kappa Delta.

Taylor, Delbert Jacob, asst. prof. poultry husb., Kans. State Agr. Coll., Manhattan, Kans.

Field agt., U. S. Dept. Agr., in chg. boys and girls poultry clubs in Ga., 1914-7; poultry and dairy farmer, 1917-22; present position, 1922-. —*b.* Scott Co., Kans., Oct. 25, 1888; *s.* Jas. Arthur and Melissa Helen (Rupe) T.; reared in city and on farm; *m.* Emmaretta Russell, Mar. 5, 1921; *c.* John Delbert. B.S.A., Purdue Univ., 1914.

Taylor, Edwin, farmer, Edwardsville, Kans.

Mem. Kans. Sch. Book Comn., 1892-4; pres. Kans. State Hort. Soc., 1906-7;

pres. Mo. Valley Hort. Soc.; pres. Wyandotte Co. Farm Bur.; pres. Kans. State Bd. Agr., 1902-3; regent Kans. State Agr. Coll., 1907-13. Mem. Kans. Senate, 1892-6; mem. House of Rep., 1896-8. —*b.* Tecumseh, Mich., July 23, 1844; *s.* Joshua and Mary (Comfort) T.; *m.* Lydia Baldwin Swan, Aug. 19, 1879. Student Univ. Mich., 2 yrs.

Taylor, Elbert Lloyd, state ext. agt. farm manag., Univ. Neb., Lincoln, Neb.

Teach. voc. agr., 1916-8; present position, 1918-. —*b.* Wymore, Neb., Nov. 13, 1882; *s.* Lewis and Hannah Frances (Russell) T.; reared in country; *m.* Mary Edna Hill, June 28, 1916; *c.* Harriet Louise. B.Sc., Univ. Neb., 1915; M.A., 1923. Alpha Zeta; Gamma Sigma Delta.

Taylor, Estes Park, dir. organization, Amer. Farm Bur. Fed., Chicago, Ill.

Asst. bot. and ent., Univ. Ky., 1903; asst. to state ent., Univ. Ill., 1904-6; Colo. Exp. Sta., 1906-8; private hort. and agrl. consultant, 1908-10; Mo. State Fruit Exp. Sta., 1910-2; field hort., Univ. Ida., 1913-5; dir. agrl. ext. and asst. dean Coll. Agr., Univ. Ariz., 1916-9; agrst., Anaconda Copper Mining Co., 1920; present position, 1921-. —*b.* Loveland, Colo., Sept. 17, 1879; *s.* Z. and Winona (Washburn) T.; reared on farm; *m.* Mary Waldo, 1905. B.S.A., Colo. Agr. Coll., 1902.

Taylor, Fred Wellington, dean Coll. Agr., Univ. N. H., Durham, N. H.

With U. S. Dept. Agr., 1901-3; prof. agron., N. H. A. & M. Coll., 1903-16; dean agr., 1916-. (Grain crops, soil fert.). —*b.* Wooster, O., Jan. 25, 1876; *s.* Samuel and Susan (Albright) T.; reared on farm; *m.* Jessie L. Stocker, Dec. 23, 1903; *c.* Ralph, Julia, Sam. B.Sc., Ohio State Univ., 1900. Sigma Xi; Alpha Zeta.

Taylor, Frederic William, dir. general of agr., San Salvador, Cent. Amer.

Prof. hort., Univ. Neb., 1891-3; sec. Exp. Sta., 1894-5; chief agr. and hort., Omaha Expos.; chief agr., foods and for., Buffalo Expos.; chief agr. and hort., St. Louis Expos. Practised irrig. engin., Denver until 1911; dir. agr., Philippine Isls., 1911-4; present position, 1923-. Sec. Neb. State Hort. Soc., 1892-5. Fellow Royal Geographical Soc. Introduced cereals from Russia, 1897. Traveled in Europe and around world. Decorated by France, Legion of Honor, Japan, Order of Rising Sun, Italy, Order of the Crown, Portugal, Order of Christ. Farm owner in Calif., Mo., Colo., Ariz. (Irrig. and crops). —*b.* Weeping Water Neb., Apr. 13, 1860; *s.* Wm. and Sophronia (Isbell) T.; *m.* Marion Treat, 1898; *c.* 3 sons, 2 daughters.

Taylor, George Everett, farmer and stock-breeder, Shelburne, Mass.

Mem. State Bd. Agr., 6 yrs.; mem. State Dairy Bur., 5 yrs. Pres. New England Corn Assoc., 2 yrs.; dir. and pres. Mass. Corn Show; pres. New England Shorthorn Breeders Assoc.; pres. Franklin Co. Agrl. Soc.; dir. Franklin Co. Farm Bur.; mem. exec. com. Mass. Dairymans Assoc. (Milking Shorthorn cattle). —*b.* Shelburne, Mass., June 10, 1871; *s.* Geo. Elias and Victoria Amanda (Green) T.; reared on farm; *m.* Lila Harrington, Sept. 27, 1893; *c.* Elliot Hubbard, Dorothy Victoria. B.Sc., Mass. Agr. Coll., 1892. Phi Kappa Phi.

Taylor, George F., assoc. biophysicist, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Teach. physics and chem., St. Johns Acad., Manlius, N. Y., 1915-7; Columbus Acad., 1917; present position, 1920-. Served in U. S. Army, 1918-9. —*b.* Granite Falls, N. C., Mar. 26, 1887; *s.* Robt. M. and Nettie C. (Laffoon) T.; reared in country and town; *m.* Nina L. Marsh, July 27, 1920; *c.* Marion Virginia, Frederick Marsh. A.B., Univ. N. C., 1915.

Taylor, Harry English, farmer, Freehold, N. J.

Pres. Co. Bd. Agr., 1919; pres. N. J. Council of Co. Bds. Agr., 1920-; mem. exec. com., Amer. Farm Bur. Fed., 1920; mem. exec. com., N. J. State Grange, 1920. (Potatoes). —*b.* Englishtown, N. J., Aug. 8, 1874; *s.* Joseph W.

and Anna A. (English) T.; reared on farm; *m.* Anna H. DuBois, Dec. 28, 1899; *c.* Mary D., Joseph W., Myron L. Student Colgate Univ., Brown Univ. Delta Upsilon.

Taylor, Henry Charles, agrl. econ., Tarpleywick Farm, R. F. D. 5, Madison, Wis.

Instr. commerce, Univ. Wis., 1901; chm. dept. agrl. econ., 1908-19; chief Off. Farm Manag., U. S. Dept. Agr., 1919-21; chief Bur. Agrl. Econ., 1921-5. *Auth.*: Introduction to the Study of Agricultural Economics, 1905; Agricultural Economics, 1919; rev. ed., 1924. —*b.* Stockport, Ia., Apr. 16, 1873; *s.* Tarpley E. and Elmira (Martin) T.; reared on farm; *m.* Elizabeth Bruner, June 17, 1904; *c.* Esther Elmira. B.Agr., Ia. State Coll., 1896; M.S.A., 1898; Ph.D., Univ. Wis., 1902; student London Sch. Econ., 1899; Halle-Wittenberg Univ., 1900; Univ. Berlin, 1900-1. Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

Taylor, Henry Magruder, agrl. statistician, Bur. Agrl. Econ., U. S. Dept. Agr. and dir. div. statistics, Va. Dept. Agr., Richmond, Va.

Manag. Edgemont Fruit and Stock Farm, Albemarle Co., Va., 1913-7; chief asst., Jefferson Sch. for Boys, 1915-7; manag. Boys Home Farm, Covington, 1919; present position, 1920-. 2d Lieut. Inf., U. S. Army; served with A. E. F. (Agrl. statistics). —*b.* Edgemont, Va., Jan. 23, 1892; *s.* Garland B. and Lucy A. (Magruder) T.; reared on farm; *m.* Elizabeth Horner Knox, Sept. 20, 1924. B.A., Richmond Coll., 1912; M.A., Univ. Va., 1915. Phi Kappa Sigma.

Taylor, James Norman, asst. chem., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Instr. chem., Washington Preparatory Sch., Y. M. C. A., 1918-; instr. chem., Geo. Washington Univ., 1919-21. Fellow A. A. A. S., Amer. Inst. of Chem. (Insecticides). —*b.* Smyrna, Del., Aug. 23, 1885; *s.* Samuel and Sarah Elizabeth (Davis) T.; reared in town. B.S., Geo. Washington Univ., 1913; M.S., 1922. Sigma Nu.

Taylor, John C., asst. dir. ext. serv., Mont. State Coll., Bozeman, Mont.

Formerly co. agt. leader, Mont. State Coll. (Live-stock, agron.). —*b.* Utica, Mont., Oct. 15, 1887; *s.* L. B. and Augusta C. (Johnson) T.; reared on ranch; *m.* Helen E. Shiell, Apr. 22, 1915; *c.* Janet Caroline, Helen Douglas, Agnes Eugenia, Wm. Burbank. B.S.A., Mont. State Coll., 1912. Alpha Zeta; Phi Kappa Phi; Sigma Chi.

Taylor, Lawrence Wilson, co. agrl. agt., Court House, Bakersfield, Calif.

Farm manag., Butte Co., Calif., 1920-3; present position, 1923-. Served in U. S. Army, 1917-9. —*b.* Chicago, Ill., Feb. 8, 1896; *s.* John L. and Jessie M. (Wilson) T.; reared in city. B.S., Univ. Calif., 1919. Alpha Zeta.

Taylor, Minnie White, tech. librarian, Cleveland Museum of Nat. Hist., Cleveland, O.

Collaborator, Off. For. Path., U. S. Dept. Agr., 1913-6; special agt., 1916-7; sci. asst., 1917-22; jr. path., 1922-4; present position, 1924-. (White pine blister-rust). —*b.* Little Compton, R. I., Oct. 18, 1890; *d.* Andrew S. and Mary P. (White) T.; reared on farm and in city. B.A., Brown Univ., 1913; M.A., 1916. Alpha Beta; Sigma Delta Epsilon.

Taylor, Porter R., dir. Bur. Markets, Penn. Dept. Agr., 224 S. 20th St., Harrisburg, Pa.

Fruit farmer, Douglas, Mich., 1915-6; U. S. Bur. Markets, Providence, R. I., 1917; manag. Providence Farmers Exchange, 1918-9; Penn. Bur. Markets, 1919-; dir., 1923-. Pres. Nat. Assoc. Marketing Officials, 1924. Mem. Penn. Acad. Sci. —*b.* Chicago, Ill., July 2, 1893; *s.* Wm. Alton and Helen (Patterson) T.; reared in city; *m.* Corella W. Tinkham, Dec. 16, 1918; *c.* Hugh Alton. B.S., Mich. Agr. Coll., 1915. Alpha Zeta.

Taylor, Ralph Hawley, exec. sec. Agrl. Legislative Com., Sacramento, Calif.

Instr. agr., Imperial Valley Union High-Sch., Calif., 1910-1; Siskiyou Co. High-Sch., 1911-2; instr. hort., Univ. Calif., 1912-3; instr. pom., 1913-5; asst.

prof., 1915-9; asst. to chief, Div. Plant Ind., State Dept. Agr., Sacramento, Calif., 1919-21; in chg. field dept., Calif. Almond Growers Exchange, 1921-4; present position, 1924-. *Auth.*: Correspondence Course in Almond Culture, 1914, rev., 1917. (Almonds, nuts, deciduous fruits). —*b.* Oakland, Calif., Dec. 13, 1884; *s.* Archibald Leard and Fannie Elizabeth (Hawley) T.; reared on farm; *m.* Sarah Elizabeth Grover, June 17, 1917; *c.* Harriet Huston, Robt. Grover. B.S., Univ. Calif., 1910. Alpha Zeta.

Taylor, William Alton, chief Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Farmer, Mich., 1877-91; asst. pom., U. S. Dept. Agr., 1891-1901; pom. chg. field invest., 1901-10; asst. chief Bur. Plant Ind., 1910-3; chief, 1913-. Sec. Amer. Pom. Soc., 1897-1903; pres. Bot. Soc. of Washington, 1910; pres. Soc. for Hort. Sci., 1908-9; mem. Aberdeen Proving Ground Comn., 1917-8; mem. Agrl. Comn. to Europe, 1918. Invest. agrl. possibilities in Canal Zone, 1909; in chg. Amer. hort. exhibits, Paris, 1900. Awarded Chev. Merite Agricole, 1900; silver medal, Soc. Nat. d'Hort. de France, 1900, Soc. des Agr. de France, 1918. —*b.* Chelsea, Mich., June 23, 1863; *s.* Jas. F. and Mary A. L. (Porter) T.; reared in village and on farm; *m.* Helen Cumming Patterson, Dec. 15, 1891; 2d, Marie Patton Cisco, June 6, 1923; *c.* Porter Ross, Ritchie Patterson. B.S., Mich. Agr. Coll., 1888; D.Sc., 1913.

Taylor, William Hall, teach. agr. and supt. schs., Honor, Mich.

2d Lieut. O. R. C., U. S. Army. —*b.* Bradyville, Mich., Mar. 4, 1898; *s.* Wilber Fisk and Beulah Maude (Metcalf) T.; reared on farm; *m.* Edna Rabe, July 22, 1923. B.S., Mich. Agr. Coll., 1923. Alpha Zeta.

Taylor, William Septimus, dean Coll. Educ., Univ. Ky., Lexington, Ky.

Assoc. prof. agrl. educ., Univ. Tex., 1913-8; prof. rural educ., Cornell Univ., Feb.-Apr. 1918; head dept. rural life and prof. agrl. educ., Penn. State Coll., 1918-20; fed. agt. for agrl. educ., Pacific Coast region, 1918-9; asst. dir. Teach. Bur., Dept. Public Instr., Harrisburg, Pa., 1920-3; present position, 1923-. —*b.* Beaver Dam, Ky., Jan. 20, 1885; *s.* H. B. and Ellen (Orah) T.; reared on farm. B.S.A., Univ. Ky., 1912; M.S., Univ. Wis., 1913; Ph.D., Columbia Univ., 1923. Alpha Zeta; Phi Delta Kappa; Kappa Delta Pi.

Teagarden, Earl Hicks, dir. voc. agr., Reno Community High-Sch., Nickerson, Kans.

Asst. agron., Kans. State Agr. Coll., 1919-20; teach., high-sch., Manhattan, 1920-1; present position, 1921-; manag. Nickerson Hatchery, 1925-. Sergeant U. S. Army, 1917-9. —*b.* Odell, Neb., Apr. 3, 1895; *s.* T. P. and Clara (Carse) T.; reared on farm; *m.* Nina Marie Williams, Aug. 3, 1921; *c.* Howard Earl. B.S.A., Kans. State Agr. Coll., 1920.

Teal, Paul H., farmer, Morehouse, Mo.

Instr. agr. and sci., high-sch., Devil's Lake, N. D., 1914-6; co. agrl. agt., Martinsburg, W. Va., 1917-20; Defiance, O., 1920-3; princ. high-sch., Morehouse, Mo., 1923-4; superv. agrl. farm census for 6th distr., Mo., 1925. Pres. New Madrid Co. Fair and Farmers Inst., 1924; pres. Morehouse Nat. Farm Loan Assoc., 1924-5. Private U. S. Army, 1918. (Field crops, soil fert.). —*b.* Arcadia, Ind., Mar. 20, 1890; *s.* John C. and Mary Elizabeth (Knause) T.; reared on farm and in town; *m.* Margaret Faith Shaffer, June 25, 1919. B.S., Purdue Univ. Sigma Xi; Pi Kappa Alpha.

Teall, John Robert, div. supt. Dairymens League Coop. Assoc., Inc., Buffalo, N. Y.

Formerly co. agrl. agt., Onondaga Co. —*b.* Lysander, N. Y., Jan. 1, 1889; *s.* John S. and Emma (Terpenning) T.; reared on farm; *m.* Jean L. Gooch, July 14, 1914; *c.* Barbara Jean. B.S.A., Cornell Univ., 1914. Alpha Zeta.

Teele, Ray Palmer, agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Editorial asst., Off. Exp. Stas., U. S. Dept. Agr., 1899-1910; special agt. in

chg. irrig., U. S. Census, 1910-2, 1919-22; irrig. econ., U. S. Dept. Agr., 1912-9. *Auth.*: Irrigation in the United States. —*b.* Filmore Co., Minn., Oct. 22, 1868; *s.* Edwin and Sarah (Dearborn) T.; reared in small town; *m.* Mary G. Hazard, Nov. 11, 1897; *c.* Ray P. Jr. A.B., Univ. Neb., 1897; A.M., 1899. Delta Tau Delta.

Teeter, Marcus Elmo, farmer, Granada, Minn.

Teach. sci. and athletics, high-sch., Mitchell, S. D., 1908-9; teach. agr., high-sch., Canby, Minn., 1909-10; silo salesman, 1910-7; farmer, 1913-8; formerly co. agrl. agt., Luverne, Minn. Sec. Rock Co. Agrl. Soc., 1918; co. labor agt., 1918. —*b.* Monticello, Ind., Nov. 19, 1883; *s.* Dennis Perry and Maggie (Reid) T.; reared on farm; *m.* Bernice Ruble, June 28, 1914; *c.* Marcus Jr., Earle Arthur. B.S.A., Purdue Univ., 1908. Alpha Epsilon.

Teeter, Thomas Anderson Hendricks, assoc. prof. engin. in chg. engin. courses, General Ext. Div., Univ. Minn., Minneapolis, Minn.

Asst. instr. in ry. location and construction, Purdue Univ., 1907-8; timber tests, U. S. For. Serv., Purdue Lab., June-Aug. 1908; instr. civil engin., Univ. Penn., 1908-9; instr. mechanics and materials of construction, Penn. State Coll., 1909-10; asst. prof. civil engin., Univ. S. Calif., 1910-1; computer and field asst., Los Angeles, June-Aug. 1911; instr. civil engin., Cornell Univ., 1911-3; field engin. for Desert Land Bd. on Seepage Loss Invests. in Cent. Ore., June-Aug. 1914; engin., Big Nestucca Drainage Dist., Cloverdale, Ore., July-Aug. 1916; field engin., Baar & Cunningham, Portland, Ore., June-Sept. 1919; prof. hydraulics and irrigation engin., Ore. Agr. Coll., 1913-20; engin. salesman, Spokane Culvert & Tank Co., 1920-1; asst. engin., N. Canal Co., Portland, Ore., Jan.-June 1922; asst. engin., Nat. Park Serv., June-Sept. 1922; present position, 1922-. *Auth.*: (with W. L. Powers) Land Drainage. —*b.* Rolling Prairie, Ind., Feb. 12, 1886; *s.* Edwin J. and Emily Ann (Ocker) T.; *m.* Katharine Monell Hitchcock, Sept. 1, 1915; *c.* Robt. Thos., Phillip Hitchcock. B.S. in C.E., Purdue Univ., 1907. Acacia.

Temple, Charles Edward, prof. plant path. and state path., Univ. Md., College Park, Md.

Instr. bot., Univ. Mich., 1909-11; prof. bot. and state bot., Univ. Ida., 1911-4; present position, 1914-. —*b.* Stanberry, Mo., Nov. 4, 1877; *s.* Geo. B. and Susan (Ross) T.; reared on farm; *m.* Martha Gladstone, 1907; *c.* Margaret E., Martha Ross, Helen D., Robt. Gladstone. A.B., Univ. Neb., 1906; A.M., 1909.

Templeton, George Streator, prof. an. husb. and an. husb., Exp. Sta., Miss. A. & M. College, Agricultural College, Miss.

Instr. an. husb., Tex. A. & M. Coll., 1911-2; asst. prof., 1912-3; prof. an. husb. and an. husb. Exp. Sta., Ala. Poly. Inst., 1913-20; mem. Livestock Sanitary Bd. for Ala.; sec. Ala. Livestock Assoc.; head an. husb. dept., Tex. A. & M. Coll., 1920-3; an. husb., Miss. Exp. Sta., 1923-4; present position, 1924-. —*b.* Rich Hill, Mo., Jan. 1, 1887; *s.* Geo. and Emma (Streator) T.; reared in town; *m.* Catherine Bradley, Sept. 19, 1912. B.S.A., Univ. Mo., 1911. Phi Kappa Phi; Gamma Sigma Delta.

Tenny, Lloyd Stanley, asst. chief Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Asst. path., U. S. Dept. Agr., 1902-4; pom., 1904-8; first state leader farm burs., N. Y., 1911-2; sec. manag., Fla. Growers and Shippers League, Orlando, Fla., 1913-6; div. coop. marketing, Bur. Agrl. Econ., U. S. Dept. Agr., 1921-2; asst. chief, 1922-. Chm. exec. com., Fla. State Plant Bd.; sec. Fla. East Coast Growers Assoc., 1917; vice-pres. Eastern Fruit and Produce Exchange, Rochester, N. Y., 1918; vice-pres. N. Amer. Fruit Exchange, N. Y. City, 1918; sec. Coral Reef Nurseries, Miami, Fla.; pres. Southern States Produce Distributors. —*b.* Hilton, N. Y., Dec. 24, 1876; *s.* Delos P. and Fannie (Lee) T.; reared on farm; *m.* Abby Warn, June 1, 1907; *c.* Fanny-

belle Lee, Stanley Warn, Lloyd S. Jr. Student Univ. Rochester and Cornell Univ. Alpha Delta Phi.

Terrill, Bertha Mary, prof. home econ., Univ. Vt., Burlington, Vt.

Teach. acad., Milton, N. H., 1895-6; teach. Greek, Abbot Acad., Andover, Mass., 1896-1900; prof. home econ., Sch. Religious Pedagogy, Hartford, Conn., 1901-9; present position, 1908-. Traveled in Europe, 1913. —*b.* Morristown, Vt., Dec. 11, 1870; *d.* Newton A. and Mary (Cheney) T.; reared on farm. A.B., Mt. Holyoke Coll., 1895; M.A., Univ. Chicago, 1908.

Terrill, George H., farmer, Morrisville, Vt.

Foreman crops, W. H. Miner farm, Chazy, N. Y., 4 yrs. Mem. Vt. State Fair Comn., 12 yrs.; lect. on dairying and fruit-growing, Bd. Agr., 12 yrs. —*b.* Morrisville, Vt., Oct. 1, 1863; *s.* Newton A. and Mary Stevens (Cheney) T.; reared on farm.

Test, Everett H., teach. agr. and princ. high-sch., Hersman, Ill.

b. Brown Co., Ill., July 24, 1888; *s.* Lank and Lizzie (Norvel) T.; reared on farm; *m.* Leona F. Davis, Aug. 22, 1908; *c.* Lawrence H., Herbert H., Chas. Everett. Grad. W. Ill. State Teach. Coll., 2 yr. course, 1924.

Test, Ralph, co. argl. agt., Newcastle, Ind.

Supt. schs., Dunreith, Ind., 1914-5; inst. speaker, Purdue Univ., 1916-7; Candidate for Congress, 1922. In U. S. Army, 1917-8. —*b.* Dalton, Ind., May 23, 1891; *s.* Zack and Jennie (Baldwin) T.; reared on farm; *m.* Lena D. Shively, Mar. 29, 1913; *c.* Dorothy Ellen, Mildred. Student Earlham Coll.

TeWalt, Will L., breeder of milk goats, Box 196, Vincennes, Ind.

Sec.-treas. Amer. Milk Goat Record Assoc. *Ed.* and pub., The Goat World. —*b.* Vincennes, Ind., Sept. 3, 1865; *s.* Wm. and Sarah A. (Phillips) T.; reared in town; *m.* Annie Louise Cook, Apr. 19, 1907; *c.* Perry Lincoln, Martha Louise.

Thacher, Thomas Chandler, farmer, Yarmouthport, Mass.

In wool business, Boston, 25 yrs. Pres. Cape Cod Farm Bur. Mem. of Congress, 1913-5. —*b.* Yarmouthport, Mass., July 20, 1858; *s.* Henry C. and Martha (Bray) T.; reared in village; *m.* Marie L. Leavitt, 1890; *c.* Thos. C. Jr. A.B., Harvard Univ., 1882.

Thackston, George Blake, teach. voc. agr., high-sch. Celina, Tenn.

Teach. agr., high-sch., Carthage, Tenn., and agrl. agt. Smith Co., 1914-7; agron., Tenn. Poly. Inst., 1917-8, May-Oct., 1919; teach. voc. agr., Smyrna high-sch., 1919-21; Morrow-Headden high-sch., 1921-3; Celina, 1923-. 2d Lieut. Inf., U. S. Army, 1918-9; served with A. E. F. —*b.* Chestnut Mound, Tenn., May 25, 1892; *s.* Geo. W. and Fannie (Nichols) T.; reared on farm; *c.* Blake Chapman. B.S.A., Univ. Tenn., 1914. Sigma Phi Epsilon; Phi Kappa Phi; Alpha Zeta.

Thatcher, Clifford, superv. voc. agr., high-sch., Brooklyn, Pa.

b. W. Danby, N. Y., Aug. 8, 1899; *s.* J. B. and Elizabeth (Dumond) T.; reared on farm. B.S., Cornell Univ., 1924.

Thatcher, Herbert K., distr. agrl. agt., 310 Donaghey Bldg., Little Rock, Ark.

Asst. athletics, Univ. Mo., 1914-5; co. agrl. agt. Pope Co., Ark. In Coast Art., U. S. Army, 1918. —*b.* McCrakin, Kans., Feb. 6, 1891; *s.* E. L. McCurry and Eva (Noll) M.; adopted by aunt, Mrs. S. B. Thatcher; reared on farm; *m.* Lila Lorain Dalton, Aug. 14, 1915; *c.* Herbert K. Jr., Jean Dalton. B.S.A., Univ. Mo., 1915.

Thatcher, Roscoe Wilfred, dir. Exp. Stas., Cornell Univ., Geneva, N. Y.

Teach., high-sch., Beatrice, Neb., 1899-1900; asst. chem., Neb. Exp. Sta., 1900-1; Wash. Exp. Sta., 1901-3; chem., 1903-13; dir., 1907-13; prof. agrl. chem. and head dept., Wash. State Coll., 1900-3; prof. agrl. chem., Univ. Minn., 1913-7; dean Dept. Agr. and dir. Exp. Sta., Univ. Minn., 1917-21; dir. Agr. Exp. Sta., Geneva, N. Y., 1921-3; present position, 1923-. Fel-

low A. A. A. S. Pres. Amer. Soc. Agron., 1912; pres. Soc. Promotion Agrl. Sci., 1919 and 1920; mem. Pres. Coolidge's Agrl. Comn., 1924-. (Agrl. biochem.). —*b.* Chatham Center, O., Oct. 5, 1872; *s.* Chas. P. and Lida E. (Packard) T.; reared on farm; *m.* Nellie Elizabeth Fulmer, Aug. 25, 1896; *c.* Lida M. B.Sc., Univ. Neb., 1898; M.A., 1901. Sigma Xi; Phi Beta Kappa; Alpha Zeta; Gamma Sigma Delta; Alpha Chi Sigma; Alpha Theta Chi.

Thayer, Clark Leonard, prof. and head dept. flor., Mass. Agr. Coll., Amherst, Mass.

Grad. asst., Mass. Agr. Coll., 1913-4; instr. flor., Cornell Univ., 1914-9; present position, 1919-. Served in World War. —*b.* Enfield, Mass., Nov. 17, 1890; *s.* R. Lewis and Martha V. (Leonard) T.; reared in town; *m.* Gladys V. Cooper, July 30, 1921; *c.* Esther V., Philip S. B.S., Mass. Agr. Coll., 1913. Alpha Gamma Rho; Phi Kappa Phi.

Thayer, Paul, prof. pom. ext., Penn. State Coll., State College, Pa.

Fruit farmer, Benton Harbor, Mich., 1900-11; asst. and assoc. hort., Ohio Agr. Exp. Sta., 1911-22; present position, 1922-. With Y. M. C. A., France, World War. —*b.* Benton Harbor, Mich., Oct. 16, 1875; *s.* Robt. Cushing and Zilpha Margaret (Prince) T.; reared on farm; m. Dora Robinson, June 28, 1900; 2d Bernice Nonemaker, Oct. 10, 1923; *c.* Sherwood, Priscilla Margaret, Mary Lois. B.S., Mich. Agr. Coll., 1900; M.S., 1913.

Thibault, David, ed. Modern Farming, 722 Union St., New Orleans, La.

Cotton planter, 1910-4; co. agrl. agt., Ark., 1914-7; manag. cotton plantation, Lundell, Ark., 1917-8; manag. Prentiss Co. Farm Bur., Boonville, Miss., 1922. —*b.* near Little Rock, Ark., May 23, 1892; *s.* J. K. and Corinne L. (Gibson) T.; reared on farm; *m.* Irene G. Stockton, 1916; *c.* David S., Irene G.

Thom, Charles, mycologist in chg. Microbiol. Lab., Bur. Chem., U. S. Dept. Agr., Washington, D. C.

Instr. biol., bot. and asst. prof. bot., Univ. Mo., 1897-1902; asst. bot., Cornell Univ., 1902-4; mycologist in cheese invest., Bur. An. Ind., 1904-14; in chg. Microbiol. Lab., Bur. Chem., 1914-. Del. to Intern. Dairy Congress, Paris, 1906. *Auth.*: (with Fisk) The Book of Cheese, 1918; (with Hunter) Hygienic Fundamentals of Food Handling. (Cheese ripening, saprophytic molds, microbiol. of foods, food poisoning). —*b.* Minok, Ill., Nov. 11, 1872; *s.* Angus S. and Louisa E. (Herrick) T.; reared on farm; *m.* Ethel Winifred Slater, Dec. 20, 1906; *c.* Beatrice, Chas. Richard. A.B., Lake Forest Coll., 1895; A.M., 1897; Ph.D., Univ. Mo., 1899.

Thomas, Cecil Calvert, assoc. hort., Off. Foreign Seed and Plant Introduction, U. S. Dept. Agr., Washington, D. C.

Instr. bot., Wabash Coll., 1912-3; instr. bot., Cornell Univ., 1913-7. —*b.* Huron, S. D., June 20, 1886; *s.* Cyrus L. and Elizabeth (Lyon) T.; reared on farm; *m.* Eugenie Beardsley, Dec. 30, 1914; *c.* Wesley Eugene, Mary Elizabeth, Dwight Raymond. A.B., Wabash Coll., 1912; M.A., 1913. Phi Beta Kappa; Sigma Xi.

Thomas, Edwin Wayne, co. agrl. agt., Plainview, Tex.

Sci. asst., U. S. Bur. An. Ind., 1917, 1918-20; farm manag., Bowie, La. and live-stock specialist, Morse Agrl. Serv., 1920-2; agt. Hale Co., Tex., 1923-. Served in U. S. Army, 1917-8. (Livestock). —*b.* Crosby Co., Tex., Dec. 11, 1891; *s.* Chas. Owen and Ida (Spooner) T.; reared on farm; *m.* Rose Musgrave, Sept. 7, 1921; *c.* E. Wayne, Richard. B.S.A., Tex. A. & M. Coll., 1917.

Thomas, Ernest Kinsey, manag. agrl. dept., R. I. Hospital Trust Co., Providence, R. I.

Formerly state leader club work, R. I. State Coll. Sec. R. I. Hort. Soc. Supt. gardens, bot. dept., Univ. Penn., 1907-8. Fellow Royal Hort. Soc., London. —*b.* Cacrsws, Wales, June 5, 1883 (naturalized 1912); *s.* David Kinsey and Sarah (Kinsey) T.; reared on

farm; *m.* Alice E. Beale, Oct. 11, 1913; *c.* Elizabeth Kinsey, Barbara Kinsey, Ernest Kinsey, Stanley Kinsey. Educ. Wales and Royal Bot. Gardens, Kew, London, England.

Thomas, Frank Lincoln, state ent. and chief div. ent., Tex. Agr. Exp. Sta., College Station, Tex.

Asst. ent., Ala. Exp. Sta. and asst. prof. zool. and ent., Ala. Poly. Inst., 1915-8; ext. ent., 1918-9; assoc. ent., Ala. Exp. Sta., 1920-3; acting ent. and acting head dept. ent. and zool., Ala. Poly. Inst., 1924; present position, 1924-. —*b.* Waltham, Mass., Oct. 16, 1887; *s.* Chas. A. and Harriet (Dewey) T.; reared in town; *m.* Mrs. Mabel C. Wrenn, Apr. 25, 1917; *c.* Frank L. Jr., Edith Randall, Helen Warren. B.S., Mass. Agr. Coll., 1910; Ph.D., 1914. Phi Kappa Phi; Gamma Sigma Delta.

Thomas, George, pres. Univ. Utah, Salt Lake City, Utah.

Prof. econ., Univ. Utah, 1918-21; pres., 1921-. *Auth.*: Modern Constitutions, 1907; Civil Government of Utah, 1912; Development of Institutions Under Irrigation, 1920. (Agrl. econ. with special reference to irrig. farming). —*b.* Hyde Park, Utah, Dec. 29, 1866; *s.* Geo. and Mary Ann (Griffiths) T.; *m.* Anna M. Eliason, July 2, 1908. A.B., Harvard Univ., 1896; A.M., 1901; Ph.D., Friedrich Wilhelm Univ., Germany, 1902.

Thomas, Herbert J., dairyman, Sheridan, Wyo.

Farming, Colo., 8 yrs.; formerly co. agrl. agt., Sheridan. —*b.* Barneveld, Wis., Sept. 3, 1884; *s.* Enoch S. and Margaret E. (Thomas) T.; reared in city and on farm; *m.* Elva Harker, Nov. 23, 1910; *c.* Robt. H., Grace E. B.S., Colo. Agr. Coll. Alpha Zeta.

Thomas, Horace, co. agrl. agt., Kaufman, Tex.

Teach. public schs., 1895-1908; manag. Armour & Co., 1911-3; present position, 1918-. Co. Judge, 1908-10. —*b.* Bryan, Tex., Jan. 19, 1873; *s.* W. G. and Sallie (Kimbrough) T.; reared on farm; *m.* Edna Moore, Aug. 26, 1910; *c.* Gladys, Frances. Student Burleson Coll., Baylor Univ.

Thomas, Jesse Raymond, co. agrl. agt., Roswell, N. Mex.

b. Detroit, Kans., Apr. 7, 1882; *s.* Jesse and Harriet (Jones) T.; reared on farm; *m.* Eva Stitzel, Dec. 25, 1917; *c.* Jesse R. Jr. B.S., Okla. A. & M. Coll., 1915.

Thomas, Orville Alvin, manag. dept. coop. business, Farmers Educ. and Coop. Union of Va., Bedford, Va.

Head bookkeeper, Floeti Lumber Co., Spencer, Ia., 1902-5; dairyman, Va., 1905-12; princ. and dir. agr., 6th Distr. Agrl. High-Sch., Va., 1915-7; agrl. agt. Bedford Co., 1918-9; present position, 1919-. Del. to Nat. Farmers Union Convention, Memphis, 1918. Pres. Bedford Co. Farmers Union; vice-pres. Coop. Exchange, Inc., Bedford. —*b.* Grant Co., Wis., Oct. 13, 1875; *s.* Thos. and Mary (Heathcote) T.; reared on farm; *m.* Matilda J. Macdonald, Sept. 19, 1906; *c.* Macdonald, Stuart, Virginia, Elizabeth. B.S., Valparaiso Univ., 1898; LL.B., 1902.

Thomas, Roy Frank, co. agrl. agt., S. Paris, Me.

Instr. agr., Univ. Me., 1917-9; asst. prof. agrl. educ. and asst. state superv., 1919-23; state instr. short unit courses, 1923-4; present position, 1924-. —*b.* Monson, Me., Mar. 12, 1893; *s.* Hugh and Annie (Hughes) T.; reared on farm; *m.* Lucile Bray, Nov. 24, 1915; *c.* Philip Bray, Frances Priscilla, Elizabeth Bernice, Ruth Elaine. B.S., Univ. Me., 1917.

Thomas, Roy Hilman, superv agrl. educ. for N. C., State Coll. Sta., Raleigh, N. C.

Teach. agr., Durham Co., N. C., high-schs., 1915-8; present position, 1919-. —*b.* Cayce, Ky., Feb. 9, 1891; *s.* Fletcher and Lula (Edminston) T.; reared on farm; *m.* Blanche L. Whitmore, Oct. 11, 1919; *c.* Martha Edminston. A.B., Univ. Ky., 1913; M.S., Cornell Univ., 1924.

Thomas, Walter Collins, co. agrl. agt., Cape May Court House, N. J.

Formerly co. agrl. agt., Denton, Md. —*b.* Centerville, Md., June 10, 1893; *s.*

Robt. Wright and Annie H. (Collins) T.; reared on farm. B.S., Penn. State Coll., 1918.

Thomason, Junie Marcus, co. agrl. agt., Hamburg, Ark.

Teach. rural schs., Ala., 1910-3; agrl. agt. DeKalb Co., Tenn., 1917-8; Panola Co., Miss., 1918-9; DeSoto Co., 1919-20; Marshall Co., 1920-3; Ashley Co., Ark., 1923-. (Agron.). —*b.* Millport, Ala., Sept. 17, 1893; *s.* Jas. A. and Martha A. (McNeil) T.; reared on farm; *m.* Lena Belle Clark, Dec. 28, 1918. B.S., Ala. Poly. Inst., 1916.

Thomason, Otto Monroe, ed. and pub. Red Polled Journal, Ortonville, Minn.

Writer and lect. on farm and live-stock problems. Pres. Big Stone Co. Poultry Assoc. —*b.* Taney Co., Mo., Sept. 17, 1874; *s.* John Hiram and Edna Virginia (Killman) T.; reared on farm; *m.* Flora Akermark, 1917. LL.B., Washington Univ.

Thompson, Benjamin Harrison, farmer, Lincoln, Neb.

Grad. asst. dairy husb., Univ. Neb., 1916-7; instr. dairy production, 1917-8; asst. prof., 1919. Sergeant, U. S. Army, 1918. —*b.* Franklin, Neb., Jan. 5, 1889; *s.* Jas. L. and Martha E. (Zediker) T.; reared on farm. B.S.A., Univ. Neb., 1916. Gamma Sigma Delta.

Thompson, Carl William, in chg. div. coop. marketing, Bur. Markets, U. S. Dept. Agr., Washington, D. C.; Nov. 21, 1879-Feb. 2, 1920. See Rus 1920.

Thompson, Charles Augustus, dir. voc. agr., high-sch., Imbler, Ore.

Asst. soils, Wash. State Coll., 1917; asst. prof. agron., N. Mex. A. & M. Coll., 1918-20; instr. agr., U. S. Veterans Bur., Greenville, S. C., 1920-3; present position, 1924-. —*b.* O., Mar. 22, 1888; *s.* S. and Emma (Robinson) T.; reared on farm; *m.* Marie Savage, Dec. 25, 1914; *c.* Chas. Arthur. B.S., Wash. State Coll., 1914.

Thompson, Charles Henry, asst. prof. hort., Mass. Agr. Coll., Amherst, Mass.

Instr. bot., Washington Univ., 1893-5; asst. bot., Mo. Bot. Gard., 1895-6; instr., Mo. State Univ., 1896-7; chg. dept. succulent plants, Mo. Bot. Gard., 1897-9, 1904-12; asst. bot., 1912-5; present position, 1915-. Bot. explorations, Mex., summer 1910. —*b.* Turlock, Calif., June 23, 1870; *s.* Rufus Sheldon and Clarinda Elizabeth (Baker) T.; reared on farm and in town; *m.* Bertha Henney, Jan. 30, 1900; 2d, Cora J. Hogan, Nov. 2, 1912; *c.* Frances Clarinda, Rufus Henney. B.Sc., Kans. State Agr. Coll., 1893; M.Sc., 1898. Sigma Xi.

Thompson, Elmer John, prof. an. husb., N. D. Agr. Coll., Agricultural College, N. D.

Sec. N. D. Stallion Registration Bd.; sec. N. D. Aberdeen Angus Breeders Assoc. (Beef cattle, sheep). —*b.* Nameoki, Ill., Apr. 1, 1886; *s.* John Wesley and Frances Jane (Cain) T.; reared in town and on farm; *m.* Ethyle Clarice Peterson, Aug. 28, 1915; *c.* Martha Wesley, Vance Elmer. B.S.A., Univ. Ill., 1910. Phi Sigma Kappa; Alpha Gamma Rho; Phi Kappa Phi.

Thompson, Frank F., prof. rural educ., State Normal, Springfield, Mo.

Princ. schs., Polo, Mo., 1896-1903; comnr. of schs., Caldwell Co., 1897-1902; supt. schs., Canon City, Colo., 1903-9; supt. schs., Marshall, Mo., 1910-2; present position, 1912-. (Rural econ. and sociol.). —*b.* Vinton, Ia., Aug. 2, 1866; *s.* Richard R. and Henrietta (Leamer) T.; *m.* Ethel Barton Swearingen, June 28, 1905. B.A., Univ. Mo., 1896; M.A., 1917. Phi Delta Kappa.

Thompson, Helen Morton, chief Catalogue Div., Library, U. S. Dept. Agr., Washington, D. C.

b. Boulder, Colo., Mar. 9, 1875; *d.* Nathan and Mary (Dartt) T.; reared in town. A.B., Goucher Coll., 1894; B.L.S., N. Y. State Library Sch., 1903. Delta Gamma.

Thompson, Henrietta Mary, head clothing dept., Ala. Poly. Inst., Auburn, Ala.

Teach. home econ., Lewisburg Sem. and Jr. Coll., W. Va., 1917-9; State Normal Sch., Athens, Ga., 1919-22;

present position, 1922-. Pres. Auburn Home Econ. Assoc. —*b.* New Orleans, La.; *d.* Geo. P. and Alphonsine (Walz) T.; reared in city. B.A., Newcomb Coll., 1917; M.A., Columbia Univ., 1923.

Thompson, Homer C., prof. veg. gard., Cornell Univ., Ithaca, N. Y.

Asst. in hort., Ohio State Univ., 1908-9; asst. prof. hort., Miss. A. & M. Coll., 1909-10; prof. hort., Clemson Agr. Coll., 1910-1; asst. hort., Bur. Plant Ind., U. S. Dept. Agr., 1911-3; hort., 1913-8. Fellow A. A. A. S. *Auth.*: Vegetable Crops, 1923. —*b.* Etchison, Md., Jan. 5, 1885; *s.* M. F. and Julia A. (Duvall) T.; reared on farm; *m.* Clara Smith, June 20, 1912; *c.* John F., David D. B.Sc., Ohio State Univ., 1909; M.S., 1923. Sigma Xi.

Thompson, James H., teach. agr. and supt. schs., Copemish, Mich.

2d Lieut. Field Art., U. S. Army, World War. —*b.* Port Huron, Mich., July 20, 1893; reared in city; *m.* Anna June Dow; *c.* Jas. Thos., John Caldwell. B.S., Mich. Agr. Coll.

Thompson, John, ed. Pierce's Farm Weeklies, Des Moines, Ia.

Formerly asst. chem., Clemson Agr. Coll., asst. agr., Univ. Minn. Formerly ed., Farmer and Breeder, Sioux City, Ia.; Farmer and Stockman, Kansas City. —*b.* Germany, Sept. 22, 1869 (naturalized 1889); *s.* Thos. and Dorathea T.; reared on farm; *m.* Carrie B. Taylor, 1895; 2d, Nina W. Dewey, 1922; *c.* Hugh W., Emily B., Irene M. B.Agr., Univ. Minn., 1895. Sigma Delta Chi.

Thompson, John Bert, dir., Virgin Islands Agr. Exp. Sta., Christiansted, St. Croix, Virgin Isls.

Fruit farmer, San Bernardino Co., Calif., 1905-6; asst. hort., N. Mex. A. & M. Coll., 1906; agrl. insp. and supt. Singalong Exp. Sta., Manila, P. I., 1907-9; special agt. in chg. Guam Exp. Sta., 1909-14; supt. Glenwood Substa., Hawaii, 1915-7; forage crop specialist, Fla. Exp. Sta., 1917-21; present position, 1921-. —*b.* Georgeville, Pa., Aug. 14, 1878; *s.* John Gray and Mary J. (Dilts) T.; reared on farm; *m.* Georgia Cobb, Sept. 14, 1917; *c.* Ernestyn Allen, John Gray, Albert Cobb. B.S., Kans. State Agr. Coll., 1905.

Thompson, John C., co. agrl. agt., Lewistown, Pa.

Agrl. ext. dept., Penn. State Coll., 1916; agt. Mifflin Co., 1917-. —*b.* Lancaster Co., Pa., Mar. 26, 1891; *s.* John Holmes and Ida (Quigley) T.; reared on farm. B.A., Lincoln Univ., 1912; B.S., Penn. State Coll., 1916.

Thompson, Mark Joseph, supt. N. E. Exp. Sta. and assoc. prof. agrl. engin., Univ. Minn., Duluth, Minn.

Distr. superv., U. S. Dept. Agr., 1912-3; present position, 1913-. (Land clearing, farm manag.). —*b.* Winsted, Minn., July 28, 1884; *s.* John P. and Ann (Mulvaney) T.; reared on farm; *m.* Leola M. Howard, Jan. 12, 1915; *c.* Genevieve Ann, Arthur, Paul Eugene. B.S., Univ. Minn., 1911; M.S., 1912. Sigma Xi; Alpha Zeta.

Thompson, Royal Burleigh, prof. poultry husb. and poultryman Exp. Sta., Okla. A. & M. Coll., Stillwater, Okla.

Foreman poultry farm, Ore. Agr. Coll., 1913-6; head poultry dept., N. Mex. A. & M. Coll., 1916-20; head poultry dept., Univ. Ariz., 1920-3; present position, 1923-. —*b.* Dora, Ore., Oct. 4, 1889; *s.* Roy Pierce and Margaret Catherin (Simpson) T.; reared on farm; *m.* Winnfred June Crater, June 1, 1917; *c.* Eugene Pierce, Martha Margaret. B.S.A., Ore. Agr. Coll., 1913. Sigma Phi Epsilon; Alpha Zeta.

Thompson, Samuel Holliston, ext. prof. agrl. econ., Ia. State Coll., Ames, Ia.

b. McLeod Co. Minn., June 25, 1891; *s.* Andrew and Laura (Holliston) T.; reared on farm. B.S.A., Univ. Minn., 1914. Alpha Zeta.

Thoms, Craig Sharp, prof. sociol., Univ. S. D., Vermillion, S. D.

In ministry, 1891-1915; present position, 1915-. State rep. in nat. morality codes contest, 1917. *Auth.*: The Bible Message for Modern Manhood, 1912; The Workingman's Christ, 1914; The Essentials of Christianity, 1919. — *b.* Elgin, Ill., Dec. 20, 1860; *s.* Robt.

and Jane (Patrick) T.; reared on farm; *m.* Effie Belle Walker, 1892. A.B., Northwestern Univ., 1888; A.M., 1891; B.D., Univ. Chicago, 1891; Ph.D., Shurtleff Coll., 1901. Phi Kappa Psi.

Thomson, Edward H., pres. Fed. Land Bank, and pres. Fed. Intermediate Credit Bank, Springfield, Mass.

Asst. farm manag. invests., U. S. Dept. Agr., 1909-15; asst. chief Off. Farm Manag., 1915-9; farmer, 1919-; present position, 1919-. (Agrl. econ.). —*b.* Delhi, N. Y., Mar. 6, 1887; *s.* Wm. J. and Belle J. (Mable) T.; reared on farm; *m.* Ethel M. Cutts, Nov. 3, 1915; *c.* Norman E., Marion C., Wm. J. B.S.A., Cornell Univ., 1909; M.S.A., 1911. Sigma Xi; Sigma Phi Sigma.

Thomson, Samuel Mable, agron., Hartford Fire Insurance Co., Hartford, Conn.

Sci. asst., Off. Farm Manag., U. S. Dept. Agr., 1914-7; fruit crop specialist, Bur. Crop Estimates, 1917-20. *Auth.*: (with J. C. Folger) Commercial Apple Industry of North America, 1920. —*b.* Delhi, N. Y., July 22, 1891; *s.* Wm. J. and Isabel (Mable) T.; reared on farm. B.S., Cornell Univ., 1914. Sigma Phi Sigma.

Thorfinnson, Matthias Adolf, co. agrl. agt., Hallock, Minn.

Formerly co. agrl. agt., Chinook, Mont. —*b.* Hensel, N. D., July 10, 1893; *s.* Thorlakur and Gudridur (Skulason) T.; reared on farm; *m.* Olga Inez Ross, July 5, 1918. B.S.A., N. D. Agr. Coll., 1917. Phi Kappa Phi.

Thorfinnson, Snorri Maurice, teach, voc agr., high-sch., Ravinia, S. D.

b. Munich, N. D., Apr. 15, 1901; *s.* Thorlack and Gudridur (Skulason) T.; reared on farm. B.S., N. D. Agr. Coll., 1924. Alpha Zeta; Phi Kappa Phi.

Thornber, Harvey, nurseryman, Hamilton, Mont.

Asst. provincial hort., B. C. Dept. Agr., 1911-7; supt. hort. substa., Mont., 1917-23; nurseryman, 1923-. State ed., Better Fruit, 1920-. —*b.* Iroquois, S. D., May 13, 1887; *s.* Jas. and Anna (Strickland) T.; reared on farm; *m.* Dott R. McTier, Dec. 28, 1913; *c.* Chalmers Harvey. B.S., Wash. State Coll., 1911.

Thornber, John James, dean Coll. Agr. and dir. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Teach. biol., high-sch., Nebraska City, 1897-1901; prof. biol., Univ. Ariz. and bot. Exp. Sta., 1901-21; bot. and dir. Exp. Sta., 1921-; dean Coll. Agr., 1922-. *Auth.*: (with Margaret Armstrong) Fieldbook of Western Wild Flowers, 1915. —*b.* Rantoul, Ill., Feb. 8, 1872; *s.* Jas. and Ann (Strickland) T.; reared on farm; *m.* Harriet Ann Brown, June 26, 1897; *c.* John Strickland. B.S., S. D. State Coll., 1895; Univ. Neb., 1897; A.M., 1901. Sigma Xi; Phi Kappa Phi; Lambda Gamma Delta.

Thornber, Walter Strickland, consulting hort., Lewiston, Ida.

Instr. hort. and bot., S. D. State Coll., 1897-1904; prof. hort., Wash. State Coll., 1905-11; dir. Lewiston Clarkston Sch. of Hort., and chief hort., Lewiston Land and Water Co., 1911-4; dir. agrl. ext., Wash. State Coll., 1915-20. —*b.* Rantoul, Ill., Mar. 21, 1874; *s.* Jas. and Ann (Strickland) T.; reared on farm; *m.* Ethelyn L. Henry, Sept. 14, 1906; *c.* Gordon H., Merrill S., Evelyn B. B.S., S. D. State Coll., 1897; M.S., Cornell Univ., 1905.

Thornburg, Mark George, farm manag., Emmetsburg, Ia.

Farmer, 1902-8; formerly prof. an. ind., Ia. State Coll. Capt. Remount Serv., 1918. —*b.* Linden, Ia., June 8, 1882; *s.* Thos. A. and Jennie (Vestal) T.; reared on farm; *m.* Blanche Scholes, Apr. 27, 1904. B.S., Ia. State Coll., 1910. Phi Kappa Psi; Alpha Zeta.

Thorne, Charles Embree, chief in soil fert., Ohio Agr. Exp. Sta., Wooster, O.

Farm manag., Ohio State Univ., 1877-81; assoc. ed. Farm and Fireside, 1881-8; dir. Ohio Agr. Exp. Sta., 1887-1920; present position, 1920-. Pres. Amer. Soc. Agron., 1914-5; pres. Soc. for Promotion Agrl. Sci., 1916; pres. Assoc.

Amer. Agrl. Colls. and Exp. Stas., 1916. *Auth.*: Farm Manures, 1913. —*b.* Greene Co., O., Oct. 4, 1846; *s.* Elijah and Mary (Charles) T.; reared on farm; *m.* Viola J. Hine, May 10, 1871; *c.* Bessie M., Chas. Brooks. M.S.A. (hon.), Ohio State Univ., 1890.

Thornton, Albert A., superv. voc. agr., E. Cocalico Voc. Sch., Reamstown, Pa.

Poultryman and apiarist, Johnston, R. I., 2 yrs.; formerly instr. voc. agr., high-sch., Bristol, R. I. Served in U. S. Army. —*b.* Providence, R. I., Mar. 10, 1898; *s.* Albert Y. and Etta L. (Angell) T.; reared on farm; *m.* Clara W. Wyatt, Dec. 20, 1919. B.S., R. I. State Coll., 1919. Delta Alpha Psi; Phi Kappa Phi.

Thornton, Samuel Beaver, princ. high-sch., Roundaway, Miss.

Dir. agrl. dept., Sunflower Co. Agrl. High-Sch., 1923-4; present position, 1924-. Served in A. E. F., awarded Victory Medal. (Voc. agr.). —*b.* Rogersville, Ala., Apr. 10, 1894; *s.* Levi Patrick and Bettie Anne (Springer) T.; reared on farm; *m.* Hattie Mae Rowland, June 18, 1922; *c.* Samuel B. Jr. B.Sc., Miss. A. & M. Coll., 1923.

Thorpe, Francis Newton, prof. political sci. and constitutional law, Univ. Pittsburgh, Pittsburgh, Pa.

Fellow, lect. and prof. Amer. constitutional history, Univ Penn., 1885-98; present position, 1910-. Mem. Pa. State Constitutional Comn., 1919-20. Owner fruit farm and vineyard, North East, Pa. *Auth.*: An American Fruit Farm, The Spoils of Empire, The Divining Rod, and of numerous volumes on American history and constitutional law. —*b.* Swampscott, Mass., Apr. 16, 1857; *s.* Judah Welles and Rosanna (Porter) T.; reared in town; *m.* Marion Hayward Shreve, 1895; *c.* Marion, Edgerton. Ph.D., Syracuse Univ., 1883; LL.D., 1907; admitted to bar, 1885. Delta Tau Delta.

Thorpe, Gustavus Adolphus, teach. voc. agr., high-sch., Stephenson, Mich.

Stockman, Menominee Co., Mich., 6 yrs., Hebron, Ind., 2 yrs. 2d Lieut., O. R. C., U. S. Army. —*b.* Norway, Mich., Nov. 24, 1897; *s.* Chas. Erich and Christina (Peterson) T.; reared on farm. B.S., Mich. Agr. Coll., 1923. Delta Sigma Phi.

Thorson, Theodore, farmer. St. Olaf, Ia.

Instr. dairy husb., Univ. Neb., 1915-7; asst. prof., 1917; agrl. agt. Bremer Co., Ia., 1918-23. —*b.* Forest City, Ia., Dec. 3, 1887; *s.* Ole A. and Anna (Bak) T.; reared on farm; *m.* Ava Glesne, June 28, 1917; *c.* Evelyn, Burton. B.S., Ia. State Coll., 1915. Lambda Chi Alpha; Gamma Sigma Delta.

Throckmorton, Archibald Hall, prof. law, Western Reserve Univ., Cleveland, O.

Dean Law Sch., Central Univ., Danville, Ky., 1902-11; prof. law, Ind. Univ., Bloomington, 1911-4; present position, 1914-. Mem. Bd. of Health, Cuyahoga Co., O., 1919-20. *Ed.*, Law for the Farm column, Farm Journal, Philadelphia, 1901-; auth. articles Adulteration, 2 Corpus Juris 1 and Agriculture, 2 Corpus Juris 985, and Levees 25 Cyclopedia Law and Procedure 188. —*b.* Loudoun Co., Va., Mar. 28, 1876; *s.* Mason and Annie (Humphrey) T.; reared on farm; *m.* Julia Elizabeth Painter, June 29, 1899. A.B., Roanoke Col.., 1896; A.M., Princeton Univ., 1897; LL.B., Washington and Lee Univ., 1900.

Throckmorton, Ray Iams, prof. soils, Kans. State Agr. Coll., Manhattan, Kans.

Asst. soil survey, Kans. State Agr. Coll., 1911-2; asst. prof. soils, 1913-6; assoc. prof. agron., 1916-8; prof. soils, 1918-. —*b.* Waynesburg, Pa., Dec. 10, 1886; *s.* J. B. and Carrie (Iams) T.; reared on farm; *m.* Marcia Story, June 10, 1916; *c.* Celeste Jane, Ray I. Jr. B.S.A., Penn. State Coll., 1911; M.S., Kans. State Agr. Coll., 1922; grad. student Cornell Univ., 1922-3. Sigma Xi; Alpha Zeta; Pi Kappa Alpha; Phi Kappa Phi; Gamma Sigma Delta.

Thurmond, James Strom, teach. voc. agr., high-sch., Edgefield, S. C.

Teach. voc. agr., high-sch., McCormick, S. C., 1923-4; Edgefield, 1924-.

Chm. Bd. of Fed. Comnrs. for Edgefield Co., 1924; mem. Bd. Educ., Edgefield Co. 2d Lieut. O. R. C., U. S. Army. (Hort.). —*b.* Edgefield, S. C., Dec. 5, 1902; *s.* John Wm. and Eleanor Gertrude (Strom) T.; reared in town. B.S., Clemson Agr. Coll., 1923.

Thurston, Arthur Searle, assoc. prof. flor. and lands. gard., Univ. Md., College Park, Md.

Asst. flor., Mass. Agr. Coll., 1914-6; asst. prof. flor., Ia. State Coll., 1916-8; field invest. in marketing hort. products, Mass. Agr. Coll., 1918-9; present position, 1919-. Asst. manag. Midwest Flower Show, Des Moines, Ia., 1917. —*b.* Everett, Mass., Dec. 10, 1891; *s.* Ralph and Nellie (Searle) T.; reared in town and country; *m.* Janet G. Cation, Dec. 25, 1919; *c.* Margaret Jane. B.Sc., Mass. Agr. Coll., 1914; M.Sc., 1916. Alpha Gamma Rho; Pi Alpha Xi.

Thurston, Flora Martha, asst. ext. prof. nutr., Cornell Univ., Ithaca, N. Y.

Instr. foods and clothing, Peabody Coll., 1914-6; home dem. agt., N. Y., 1917-8; asst. state leader home dem. agts., Cornell Univ., 1918-9; instr. ext., 1919-21; asst. prof., 1921-. Emergency agt. N. Y., State Food Comn., 1917. —*b.* Toledo, O., Dec. 22, 1890; *d.* Johnson and Katherine (Thrift) T.; reared in city and on farm. B.S., Columbia Univ., 1919.

Thurston, Henry W. Jr., asst. prof. plant path., Penn. State Coll., State College, Pa.

Assoc. prof. plant path., Univ. Neb., 1917-9; present position, 1919-. —*b.* La Grange, Ill., Jan. 3, 1893; *s.* Henry W. and Charlotte (Skinner) T.; *m.* Edna Wilson, 1919; *c.* Henry W. III. B.S., Univ. Ill., 1915; Ph.D., Columbia Univ., 1923. Sigma Xi; Sigma Phi Sigma.

Tiebout, George Leroy, hort. Exp. Sta. and ext. div., La. State Univ., Baton Rouge, La.

Hort., La. Exp. Sta., 1908-14; present position, 1914-. (Truck crops). —*b.* Ennis, Tex., Aug. 15, 1884; *s.* C. A. and Margaret Eugenia (Wagonhauls) T.; reared on farm; *m.* Muriel Kate Watson, Nov. 5, 1907; *c.* Carolyn Elizabeth, Muriel Eugenia, Geo. Leroy, Evelyn Howard. B.S., La. State Univ., 1906.

Tiedjens, Victor Alphons, asst. res. prof. veg. gard., Mass. Agr. Coll., 240 Beaver St., Waltham, Mass.

Asst. agron., Univ. Wis., 1920-3; present position, 1923-. Ensign, U. S. Navy, 1918-9. —*b.* Brillion, Wis., June 13, 1895; *s.* John A. and Anna C. (Nelesen) T.; reared on farm; *m.* Dorothy Janet Dopp, June 2, 1923. B.S., Univ. Wis., 1921; M.S., 1922. Alpha Zeta; Phi Kappa Phi; Phi Sigma.

Tiffany, Ross K., project manag., Spokane Valley Farms Co., 730 Old Nat. Bank Bldg., Spokane, Wash.

b. Union, Ia., June 11, 1879; *s.* Walter J. and Harriet Emily (Kerr) T.; reared on farm; *m.* Martha Luella Eichar, July 3, 1903; *c.* Ross K. Jr., June. B.C.E., Cornell Coll., 1901; C.E., 1904.

Tillinghast, Benjamin Franklin, fruit-grower, Crescent City, Fla.

Ed., Moline, Ill., Review; city ed., Davenport, Ia., Gazette; ed. Davenport Democrat. Del. from U. S. to Intern. Conference of Red Cross, St. Petersburg, Russia, 1902. *Auth.*: Rock Island Arsenal in Peace and in War. (Citrus fruits). —*b.* E. Greenwich, R. I., July 4, 1849; *s.* Samuel R. and Julia A. (Searle) T.; reared on farm; *m.* Nellie Nourse, Sept. 25, 1878; *c.* Helen. B.S., Monmouth Coll., Ill., 1870. Beta Theta Pi.

Tillman, Benjamin William, co. agrl. agt., Belleville, Ill.

Physical dir., Wentworth Military Acad., 1908-10; sci. asst. reviewing foreign literature on soils and fertilizers, States Relations Serv., U. S. Dept. Agr., 1910-3; sci., U. S. Bur. Soils, 1913-7; prof. soils ext., Univ. Mo., 1910-8; agrl. agt. St. Clair Co., Ill., 1918-. —*b.* Osage Co., Mo., Oct. 26, 1883; *s.* Frank and Elizabeth (Hoerschen) T.; reared on farm; *m.* Amy Berrie, 1910; *c.* Maryn Elizabeth. B.S.A., Univ. Mo., 1907.

Tillson, Charles Burritt, co. agrl. agt. 47 Moody St., Waltham, Mass.

Farm supt., 1907-13; agt. Clinton Co., N. Y., 1913-9; agrl. agt. Middlesex Co., Mass., 1919-. —*b.* Morris, N. Y., Oct. 5, 1882; *s.* Albert H. and Chloe (Hendrix) T.; reared on farm; *m.* Georgena Johnson, June 8, 1910; *c.* Ena Margaret, Chloe Eleanor, Chas. B. Jr., Robt. Connor. B.S.A., Cornell Univ., 1907.

Tilton, Leon Deming, lands. arch., 456 Baker Ave., Webster Groves, Mo.

Asst. lands. ext., Univ. Ill., 1915; asst. lands.-gard., 1916-8; lands. arch. chg. campus plans, 1919; supt. parks, St. Joseph, Mo., 1918; with Harland Bartholomew, city plan engin., St. Louis, 1920-. Mem. Amer. Soc. Lands. Arch. —*b.* Pana, Ill., June 9, 1890; *s.* Dallas D. and Ida May (Watkins) T.; reared in city; *m.* Leila Olive White, Nov. 3, 1918; *c.* Peter Deming, Roger. B.S., Univ. Ill., 1915. Beta Theta Pi.

Tinkham, Horace W., farmer, Warren, R. I.

Trustee Providence Market Gardeners Assoc.; dir. New England Milk Producers Assoc.; dir. Providence Farmers Exchange; mem. R. I. State Comn. Agrl. Inquiry. —*b.* Middleboro, Mass., Dec. 29, 1858; *s.* Andrew L. and Dorothy P. (King) T.; reared in village; *m.* Mary E. Slade, 1882; *c.* Geo. K. M.Agr. (hon.), R. I. State Coll., 1915.

Tippett, Joseph Ellsworth, specialist agrl. ext. and asst. co. agt. leader, Univ. Calif., Berkeley, Calif.

b. Baltimore, Md., July 15, 1896; *s.* Jas. Edgar and Laura (Mattingly) T.; reared on farm. B.S.A., Univ. Calif., 1918. Alpha Zeta.

Tisdale, Wendell Holmes, plant path. in chg. cereal smut invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Chg. dept. bot. and plant path., N. C. State Coll., 1918-9. —*b.* Georgiana, Ala., Jan. 5, 1892; *s.* Wm. Riley and Josephine (Higdon) T.; reared on farm; *m.* Elizabeth Emma Koch, Dec. 31, 1920; *c.* Glenn Evan. B.S., Ala. Poly. Inst., 1914; M.S., Univ. Wis., 1915; Ph.D., 1917. Sigma Xi; Phi Sigma; Gamma Sigma Delta.

Tisdale, William Burleigh, assoc. plant path., Univ. Fla. Tobacco Exp. Sta., Quincy, Fla.

Instr. bot., Miss. A. & M. Coll., 1915-6; instr. plant path., Univ. Wis., 1919-22; present position, 1922-. Served in World War. —*b.* Georgiana, Ala., Sept. 13, 1890; *s.* Wm. R. and Josephine (Higdon) T.; reared on farm; *m.* Ruth Blakely King, 1922. B.S., Ala. Poly. Inst., 1914; M.S., Univ. Wis., 1917; Ph.D., 1920. Sigma Xi; Gamma Alpha; Phi Sigma; Gamma Sigma Delta.

Tisdale, William Herbert Jaffray, asst. manag. Canadian Coop. Wool Growers Ltd., Redford Bldg., Toronto, Ont.

Agrl. rep., Ont., 1913-4; prof. an. husb., Univ. Sask., 1914-20; present position, 1920-. —*b.* Paris, Ont., Apr. 11, 1891; *s.* Herbert Lawrence and Minnie (Jackson) T.; reared on farm; *m.* Edith Rose Black, Sept. 29, 1915. B.S.A., Ont. Agr. Coll., 1913.

Titus, Edward Gaige, dir. agrl. res. dept., Utah-Idaho Sugar Co., Salt Lake City, Utah.

Asst., Colo. Agr. Coll., 1900-1; field asst. state ent., Ill., 1901-3; special field agt., Bur. Ent., U. S. Dept. Agr., 1903-7; assoc. prof. zool. and ent., Utah Agr. Coll., 1907-8; prof., 1908-16; ent., Exp. Sta., 1907-16; tech. sugar-plant invest., U. S. Dept. Agr., 1916-20; present position, 1920-. Mem. Utah State Hort Com. Pres. Utah Acad. Sci., 1912; sec. Utah Eugenics Soc., 1912-. Fellow A. A. A. S. (Ent., genetics). —*b.* Quaker Street, N. Y., May 26, 1873; *s.* Albert C. and Mary F. (Gaige) T.; reared on farm; *m.* Laura Armstrong, Aug. 29, 1900; 2d May Isaacson, July 31, 1923; *c.* Albert Clarence, Jas. Buss, Alice Bradford. B.S., Colo. Agr. Coll., 1899; M.S., 1901; Sc.D., Harvard Univ., 1911. Gamma Sigma Delta; Sigma Alpha.

Titus, May Isaacson, asst. dir. agrl. res. dept., Utah-Idaho Sugar Co., 1228 Bryan Ave., Salt Lake City, Utah.

Teach. home econ., high-sch., S. Cache, Utah, 1914-6; sci. asst. sugar-plant invest., U. S. Dept. Agr., 1916-20; present position, 1920-. —*b.* Brigham City, Utah, Jan. 2, 1892; *d.* Carl and Celia (Valentine) Isaacson; reared in town; *m.* Edward Gaige Titus, July 31, 1923. B.Sc., Utah Agr. Coll., 1914.

Titus, Robert B., farmer, Wyoming, N. Y.

Teach., Westford Union Sch., 1915-8; Wyoming high-sch. and Middlebury Acad. —*b.* Presho, N. Y., Aug. 15, 1888; *s.* Homer S. and Emma (Warner) T.; reared on farm; *m.* Twila D. Smith, Aug. 1914; *c.* Robt. Paul, Colson Rowley. B.S., Cornell Univ., 1915.

Toan, Lewis Austin, farmer, Perry, N. Y.

Teach. agr., high-sch., Perry, N. Y., 1911-3; agt. Monroe Co., 1913-7; asst. state co. agt. leader, Cornell Univ., 1918-20; sales manag., Hickox-Rumsey Seed Co., Batavia, 1920-2; farmer, growing certified seeds, 1922-. Pres. N. Y. State Guernsey Breeders Assoc., 1922-. Traveled Denmark, Sweden, England for Hickox-Rumsey Co., 1919. —*b.* Perry, N. Y., Oct. 3, 1886; *s.* Chas. H. and Stella (Wylie) T.; reared on farm; *m.* Jessie C. Scott, Oct. 1918; *c.* Chas. S. B.S.A., Cornell Univ., 1908. Sigma Phi Epsilon.

Tobey, Garrett N., cheese-making specialist, Univ. Tenn., Knoxville, Tenn.

Buyer and seller hay, grain and fruit, Kings Ferry, N. Y., 1904-6; dairy mfg. dept., Cornell Univ., 1906-16; with U. S. Dept. Agr. and Univ. Tenn., 1916-. —*b.* Slaterville Springs, N. Y., May 4, 1879; *s.* Martin N. and Clara L. T.; reared on farm; *m.* Lena J. Heath, Dec. 28, 1899. Student short-course, Cornell Univ., 1906-7.

Tolley, Howard Ross, agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr., high-sch., Michigan City, Ind., 1910-1; U. S. Coast and Geodetic Survey, 1912-4; sci. asst., Off. Farm Manag., U. S. Dept. Agr. 1915-9; agrl. engin., Div. Agrl. Engin., 1920-2; present position, 1922-. (Res. in farm organization and manag.). —*b.* Howard Co., Ind., Sept. 30, 1889; *s.* Elmer E. and Mollie (Grindle) T.; reared on farm; *m.* Zora Frances Hazlett, May 8, 1912; *c.* Edwin Grant, Howard Elmer. B.S., Marion, Ind., Normal Coll., 1906; A.B., Ind. Univ., 1910.

Tomhave, William Henry, prof. an. husb., Penn. State Coll., State College, Pa.

Asst. an. husb., Penn. State Coll., 1907-8; live-stock expert, Chinese govt., 1908-10; live-stock ext., Univ. Minn., 1910-2; present position, 1912-. Fellow A. A. A. S. Trustee E. States Expos. Contr. ed. and advisor, Pennsylvania Farmer. —*b.* Fergus Falls, Minn., Dec. 19, 1881; *s.* Peter and Wilhelmina (Lodwig) T.; reared on farm; *m.* Viola Marsden, July 1910; *c.* Viola E., Jean Marsden. B.S., Univ. Minn., 1907; M.S., Penn. State Coll., 1920. Gamma Sigma Delta; Alpha Zeta; Chi Phi.

Tomlin, Reuel Marvin, instr. voc. agr., high-sch., Pleasantville, O.

b. Easton, Ill., Apr. 21, 1900; *s.* M. D. and Lena (Etzen) T.; reared on farm. B.S., Univ. Ill., 1924. Tau Kappa Epsilon.

Tomlinson, Paul C., co. agrl. agt., Clarion, Ia.

Farm manag. dept., U. S. Dept. Agr., 1915-6; instr. an. husb., Ia. State Coll., 1916-7, 1918-9; co. agrl. agt., 1919-. 2d Lieut. Inf., U. S. Army, 1918. Sec. Ia. Beef Producers Assoc. —*b.* Marshalltown, Ia., Aug. 10, 1888; *s.* Wm. Evans and Isador (Crampton) T.; reared in country: *m.* Eva L. King, June 7, 1919; *c.* Virginia, Geo. King. B.S., Ia. State Coll., 1915. Theta Delta Chi; Alpha Zeta; Phi Kappa Phi.

Tompkins, Arthur W., general manag., sec.-treas., S. D. Farm Bur. Fed., Huron, S. D.

Asst. co. agt. leader, S. D. State Coll., Jan.-July 1918; co. agrl. agt., Hayti, S.D., 1919-24. Sec. S. D. Potato Growers Assoc., 1922-4. In U. S. Army, 1918. —*b.* Wyoming, Ia., Aug. 6, 1895; *s.* Albert T. and Margaret (Shaffer) T.; reared on farm. B.S., S. D. State College, 1918.

Tompson, Harold F., market gardener, Attleboro, Mass.

Teach. hort., Mt. Hermon, Mass., 1 yr.; instr. market-gard. and supt. hort. field work, Mass. Agr. Coll., 1907-10; commercial market-gard., 1910-; prof. and head dept. market-gard., Mass. Agr. Coll., 1915-24; supt. market-gard. field sta., Lexington. Pres. Veg. Growers Assoc. of Amer., 1922-. —*b.* Westford, Mass., June 29, 1885; *s.* Joseph H. and Fannie F. (Reade) T.; *m.* Mildred F. Wheeler, Sept. 26, 1914; *c.* 1 son, 1 daughter. B.Sc., Mass. Agr. Coll., 1905. Phi Kappa Phi; Kappa Sigma.

Tomson, Walter Edwin, dairy and food insp. for city of Palo Alto, Calif.

Asst. dairy husb., Kans. State Agr. Coll., 1912-4; instr., 1914-7; dairy husb., Mont. State Coll. and U. S. Dept. Agr., 1917-20; assoc. an. husb., Univ. Calif., 1920-4; fieldman E. Bay Milk Producers Assoc., Oakland, Calif., July-Nov. 1924; present position, 1924-. Sec.-treas. Mont. State Dairymans Assoc. —*b.* Topeka, Kans., Nov. 26, 1887; *s.* Frederick Edwin and Susie (Bay) T.; reared on farm; *m.* Alice Maude Douglas, June 5, 1915; *c.* Mary Alice, Helen Elizabeth, Barbara Jean. B.S., Kans. State Agr. Coll., 1912.

Toole, Eben Henry, assoc. physiologist, Seed Lab., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Kans. State Agr. Coll., 1916-7; asst. prof. plant physiol. and path., Purdue Univ., 1917-9; present position, 1920-. —*b.* Baraboo, Wis., Jan. 6, 1889; *s.* Wm. and Elizabeth (Marriott) T.; reared on farm; *m.* Katherine Elizabeth Turvill, June 20, 1912 (d. 1922); 2d, Helen Turvill. Oct. 11, 1923; *c.* Eben Richard, Elizabeth Lane, Wm. Daniel, Allen Davis. B.A., Univ. Wis., 1915; M.A., 1916; Ph.D., 1920.

Toole, Wade, prof. an. husb., Ont. Agr. Coll., Guelph, Ont.

Live-stock ed. Farmers Advocate, London, Ont., 1911-3; manag. ed., 1913-8; present position, 1918-. *Auth.:* The Book of Live Stock, 1921. —*b.* Whitevale, Ont., Mar. 3, 1886; *s.* John W. and Sarah Jane (Britton) T.; reared on farm; *m.* Mabel Leary, Mar. 6, 1912; *c.* John Leary, Grant Wade, Marion Eleanor. B.S.A., Ont. Agr. Coll., 1911; M.S., Ia. State Coll., 1923. Alpha Zeta; Gamma Sigma Delta.

Toole, William Sr., farmer and ornamental hort., Baraboo, Wis.

Pres. Sauk Co. Hort. Soc.; vice-pres. and sec. Wis. State Alliance; pres. Wis. State Hort. Soc.; pres. Sauk Co. Country Life Assoc.; vice-pres. Sauk Co. Good Roads Assoc.; pres. Sauk Co. Corn Growers Assoc.; pres. Skillet Creek Farmers Club. —*b.* England, Sept. 21, 1841 (naturalized as minor); *s.* John and Mary (Taylor) T.; reared in city; *m.* Mary Crowley, Jan. 1872; 2d, Elizabeth Marriott Williams, Nov. 3, 1880; *c.* John P., Wm. A., Eben H.

Tormey, John Lawless, fieldman, Amer. Shorthorn Breeders Assoc., Chicago, Ill.

Princ. ward sch., Chippewa Falls, Wis., 1903-4; instr. an. husb., Univ. Wis., 1908-13; asst. prof., 1913-7; assoc. prof., 1917-8; present position, 1918-. —*b.* Fennimore, Wis., June 12, 1881; *s.* Thos. and Margaret (Lawless) T.; reared on farm; *m.* Margaret Lynch, June 19, 1912; *c.* John L. Jr., Margaret, Elizabeth, Mary. B.S.A., Univ. Wis., 1907. Alpha Zeta.

Torrance, Frederick, vet. dir. general, Dept. Agr., Ottawa, Ont.

Distr. vet., Man., 1883-90; formerly prof. vet. sci., Man. Agr. Coll.; vet. ed. Nor'West Farmer. Ex-pres. Amer. Vet. Med. Assoc., Man. Vet. Med. Assoc.; hon. pres. E. Canada Vet. Assoc. Mem. Intern. Comn. on bovine tuberculosis; del. from Canada to Intern. Vet. Congress, London, 1914. —*b.* Montreal, Que., July 13, 1859; *s.* Jas. and Jane (Fraser) T.; reared in city; *m.* Julia Jarvis, Oct. 22, 1884; *c.* Marion Gertrude, Percival Victor. B.A., McGill Univ., 1878; D.V.Sc., 1882.

Torrey, George Safford, asst. prof. plant path., Conn. Agr. Coll., Storrs, Conn.

Instr. and asst. prof. bot. and plant path., Conn. Agr. Coll., 1915-; registrar,

1918-. Private Inf., A. E. F., 1918-9. —*b.* Dorchester, Mass., Mar. 14, 1891; *s.* Daniel Temple and Anna Louise (Marsh) T.; reared in city; *m.* Elizabeth Wolcott Tapley, Dec. 23, 1921; *c.* John Wolcott. A.B., Harvard Univ., 1913; A.M., 1915; Diplome d'Etudes Superieures, Univ. Paris, France, 1919.

Tothill, John Douglas, ent. in chg. of natural control invests., Ent. Lab., Fredericton, N. B.

Farmer, Suffolk Co., England, 1906-7; with U. S. Bur. Ent., 1910-1; with Canadian Branch Ent., 1912-; instr. parasitology, Cornell Univ., 1915; lect. ent., Univ. N. B., 1918-20. Mem. provincial council, Boy Scouts Assoc., 1918-20. —*b.* London, England, Feb. 9, 1888; *s.* Walter and Francois Louisa (Williams) T.; reared in country; *m.* Ruby Beatrice Hughes, 1916; *c.* Jessie Elizabeth. B.S.A., Ont. Agr. Coll., 1910; grad. student, Cornell Univ., 2 yrs.; D.Sc., Harvard Univ., 1922. Sigma Xi; Gamma Alpha.

Tottingham, William Edward, assoc. prof. agrl. chem., Univ. Wis., Madison, Wis.

Asst. chem., Mass. Exp. Sta., 1903-4; fellow in chem., Mass. Agr. Coll., 1904-5; asst. chem., N. Y. Agr. Exp. Sta., Geneva, 1905-6; instr. and res. asst. chem., Univ. Wis., 1906-10; asst. prof., 1910-7; assoc. prof., 1917-. Fellow A. A. A. S. *Auth.*: (with E. B. Hart) General Agricultural Chemistry, 1910; (with J. W. Ince) Chemistry of the Farm and Home, 1916. (Relations of climatic factors to plant metabolism). —*b.* Templeton, Mass., Nov. 2, 1881; *s.* Edwin H. and Maria (Shearer) T.; reared on farm; *m.* Ethel Regena Lerch, Feb. 2, 1914; *c.* Elaine, Robt. Lerch. B.Sc., Mass. Agr. Coll., 1903; M.Sc., Univ. Wis., 1908; Ph.D., Johns Hopkins Univ., 1917.

Totty, Charles Henry, florist and importer, Madison, N. J.

Pres. Soc. Amer. Florists; past pres. N. Y. Florists Club, Morris Co. Florists Soc., Nat. Chrysanthemum Soc.; corresponding foreign mem. Nat. Chrysanthemum Soc. of England. Del. to Intern. Flower Show, London, 1912; intern. juror, Panama-Pacific Expos., 1915. (Chrysanthemums and roses). —*b.* Shropshire, England, Sept. 8, 1873 (naturalized 1899); *s.* Geo. and Elizabeth (Perks) T.; reared in village; *m.* Margaret Cronin, 1896; *c.* Helen Marie.

Towle, Ray S., assoc. agron., U. S. Dept. Agr., and supt. Dry Land Field Sta., Sheridan, Wyo.

Cadet, U. S. Air Serv., 1918. —*b.* Ontario Co., N. Y., Nov. 28, 1888; *s.* Rescome S. and Mary J. (Winfield) T.; reared on farm; *m.* Florence E. McLean, 1922; *c.* Mary E. B.S., N. D. Agr. Coll., 1911. Alpha Zeta.

Townsend, Theodore Horton, asst. ed. Dairymen's League News, Waterville, N. Y.

Hort., N. Y. State Sch. Agr., Morrisville, 1918-22; present position, 1922-. Sec. N. Y. State Veg. Growers Assoc., 1922-. —*b.* Elmira, N. Y., Nov. 7, 1893; *s.* Wilbur L. and Mary (Horton) T.; reared in city; *m.* Marjory Gunnison, Feb. 19, 1917; *c.* Elizabeth, Margery, Dorothea. B.S., Cornell Univ., 1917. Kappa Delta Rho.

Towsley, Lee I., co. club agt., Cooperstown, N. Y.

Dairy farmer, W. N. Y., 3 yrs.; asst. club agt. Oneida Co., 3 mos.; co. club agt. Otsego Co., 2 yrs. —*b.* Rochester, N. Y., Apr. 18, 1900; *c.* Chauncey A. and Mary (Tucker) T.; reared in city. B.S., Cornell Univ., 1922.

Trabue, Elsie, asst. state club leader, Conn. Agr. Coll., Storrs, Conn.

Princ. schs., S. Milwaukee, 1908-11; asst. princ., Wauwatosa, 1911-4; home dem. agt. Barnstable Co., Mass., 1916-20; woman co. food adminis., 1917-8; present position, 1920-. —*b.* Cleveland, O., Aug. 12, 1887; *d.* Wm. E. and Clara B. (Lynes) T.; reared in town. B.S., Columbia Univ., 1924.

Tracy, Samuel Mills, agron., U. S. Dept. Agr., Biloxi, Miss.; Apr. 30, 1847-Sept. 5, 1920. See Rus 1920.

Tracy, William W., seed grower, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.; May 21, 1845-Mar. 1, 1925. See Rus 1920.

Tracy, William Woodbridge Jr., tech. sugar beet invest., U. S. Dept. Agr., Fort Collins, Colo.

Seed grower, Ida., 1910-4. —*b.* Lansing, Mich., May 6, 1872; *s.* Wm. Warner and Mary Bartlett (Woodbridge) T.; reared on farm; *m.* Gertrude Hunawill, Dec. 30, 1916. B.S., Mich. Agr. Coll., 1895.

Traum, Jacob, assoc. prof. vet. sci., Univ. Calif., Berkeley, Calif.

In field force, U. S. Bur. An. Ind., 1905-8; Path. Div., U. S. Dept. Agr., 1908-14; present position, 1914-. Mem. U. S. Foot and Mouth Disease Comn., 1925. —*b.* Galicia, Nov. 23, 1882 (naturalized as minor); *s.* Aaron and Rachel (Wildstone) T.; reared in city; *m.* Mindel Wolf, 1906; *c.* Aaron Herbert, Paul Horace. D. V. M., Cornell Univ., 1905; M.S., 1923. Sigma Xi.

Treager, William Lytle, co. agrl. agt., Greensburg, Pa.

Superv. agr., W. Sunbury Voc. Sch., Pa., 1914-6; Norwin High-Sch., Irwin, 1916-9; agrl. agt. Westmoreland Co., 1919-. (Agron.). —*b.* Benwood, Ind., Jan. 5, 1889; *s.* Geo. M. and Margaret Elizabeth (Lytle) T.; reared on farm and in town; *m.* Edna Bailey Jeffrey, Aug. 8, 1917; *c.* Bess Jeffrey, Wm. L. Jr. B.S., Penn. State Coll., 1914. Pi Kappa Alpha; Phi Kappa Phi.

Treakle, Arthur F., ext. poultry husb., Va. Poly. Inst., Blacksburg, Va.; Jan. 4, 1858-Sept. 18, 1924. See Rus 1920.

Trent, Diver P., co. agrl. agt., Okmulgee, Okla.

Princ. high-sch., Stigler, Okla., 1913-5; supt. schs., 1915-7; supt. schs., Cleveland, 1917-9; agrl. agt. Okmulgee Co., 1919-. —*b.* Batesville, Ark., 1886; *s.* Wm. M. and Sarah Emma (Wallace) T.; reared on farm; *m.* Lollie Crittenden, 1919; *c.* Emily. B.S., Okla. A. & M. Coll., 1913.

Tressler, James Otha, teach. agr., high-sch., McComb, O.

Teach. country schs., 1917-20; jr. high-sch., 1920-1. (Dairy cattle). —*b.* W. Unity, O., Aug. 5, 1899; *s.* T. J. and Margaret Belle (McKarns) T.; reared on farm. B.S.A., Ohio State Univ., 1924. Delta Theta Sigma.

Trevathan, Jesse Ernest, co. agrl. agt., Gloucester, Va.

Stockman, Rocky Mount, N. C., 1915-6; stockman and farm foreman, Godwin, 1917; asst. princ. and agrl. instr., Frederick Co. Agrl. High-Sch., Middletown, Va., 1918-20; agrl. agt., Warren Co., N. C., 1920; Laurens Co., S. C., 1921; Gloucester Co., Va., 1922-. —*b.* Rocky Mount, N. C., Jan. 12, 1893; *s.* Henry Louis and Claudia Nina (Billups) T.; reared on farm; *m.* Mary Bailey, Dec. 29, 1915; *c.* Louis Bailey, Wm. Larrick, Jesse E. Jr. B.S., N. C. State Coll., 1915.

Trice, Whaley Powell, co. agrl. agt., Haskell, Tex.

State apiary insp., Tex., 1922; agrl. agt. Haskell Co., 1923-. Private Inf., U. S. Army, 1918. —*b.* McLennan Co., Tex., Dec. 24, 1897; *s.* Richard Perryman and Mary (Berdie) T.; reared on farm. B.S., Tex. A. & M. Coll., 1921.

Trimble, Charles Sterling, asst. dairy mfg. specialist, U. S. Dept. Agr., Washington, D. C.

In chg. creameries, Storm Lake, Ia., 1912-5; ice-cream plant, Iowa City, 1916; with Dairy Div., U. S. Dept. Agr., 1917-8; ext. serv., Tex. A. & M. Coll., 1919; in chg. mfg. Hollywood Dairy, Seattle, Wash., 1919-22; present position, 1922-. Served in Q. M. C., U. S. Army, 1918-9. —*b.* Pomeroy, Ia., Sept. 20, 1889; *s.* Noble H. and Mary Ellen (Troon) T.; reared in town; *m.* Mary Estes Berry, Jan. 2, 1919; *c.* Mary Patricia. B.S.A., Ia. State Coll., 1911.

Trimble, William, prof. hist., Univ. Ida., Moscow, Ida.; 1872-Jan. 1, 1921. See Rus 1920.

Trimnell, Marmion Robert, with Lewis & Valentine Co., lands. contractors and nurserymen, Roslyn, L. I.

Asst. agrl. agt., Monmouth Co., N. J., 1920; agrl. agt., Cumberland Co., 1920-

2; asst. dir. voc. agr., high-sch., Minotola, N. J., 1922-5; present position, 1925-. Served in Signal Corps, U. S. Army, 1918-9. (Fruit-growing). —*b.* Newfield, N. J., June 20, 1895; *s.* Lewis and Theresa (Black) T.; reared on farm; *m.* Hazel Marie Sauer, Jan. 15, 1921; *c.* Robt. Lewis. B.S., Rutgers Coll., 1920. Lambda Chi Alpha.

Troeger, Leslie Eugene, manag. ed. Daily Drovers Journal, 836 Exchange Ave., Chicago, Ill.

Assoc. ed. Iowa Homestead, 1906-9; ext. an. husb., Ia. State Coll., 1910; sec. Amer. Shropshire Registry Assoc., 1910-1; live-stock ed. Prairie Farmer, 1911-3; live-stock ed. Farmers Review, 1913-7; present position, 1918-. —*b.* National, Ia.; *s.* Adam T. and Mary S. (Fleisher) T.; reared on farm. B.S., Ia. State Coll., 1906; M.S., 1920. Alpha Zeta; Sigma Delta Chi.

Troop, James, prof. ent. and ent. Exp. Sta., Purdue Univ., LaFayette, Ind.

Prof. hort. and ent. and hort. and ent. Exp. Sta., Purdue Univ., 1884-1912; prof. ent. and ent. Exp. Sta., 1912-. Ind. state ent., 6 yrs.; sec. Ind. Hort. Soc., 6 yrs. *Auth.*: Melon Culture, 1911. —*b.* Bennington, N. Y., Mar. 14, 1853; *s.* Andrew and Orrilla (Wilkins) T.; reared on farm; *m.* Cora L. Chamberlin, Dec. 30, 1884; *c.* Helen L. B.S., Mich. Agr. Coll., 1878; M.S., 1882.

Trotter, Ide Peebles, ext. prof. field crops, Univ. Mo., Columbia, Mo.

Fellow agron, Miss. A. & M. Coll., 1920; foreman Miss. Delta Branch Exp. Sta., 1921-2; asst., 1923; present position, 1924-. Private to 2d Lieut. Field Art., U. S. Army, 1918-9; dir. agr., Base Hospital Sch. for Wounded Soldiers, Fort Sam Houston, Tex., 1919. —*b.* Brownsville, Tenn., Dec. 12, 1895; *s.* Isham Patton and Susie (Eager) T.; reared in village. A.B., Miss. Coll., 1915; B.S.A., Miss. A. & M. Coll., 1918; M.S., 1920.

Trowbridge, Edwin Alfonso, prof. an. husb., Univ. Mo., Columbia, Mo.

Asst. an. husb., Univ. Mo., 1906-7; instr., 1908-10; asst. prof., 1910-1; prof. and chm. dept., 1911-. Sec. Mo. Draft Horse Breeders Assoc. Judge at live-stock shows; supt. Mo. live-stock at Panama-Pacific Expos., 1915. Contr. to Book of Rural Life. —*b.* Mondovi, Wis., Apr. 27, 1885; *s.* C. L. and Alma Mary (Thames) T.; reared in country town; *m.* Alice Adella Goddard, July 3, 1907; *c.* 2 sons. B.S.A., Univ. Wis., 1906. Alpha Zeta.

Trowbridge, Perry Fox, dir. N. D. Exp. Sta., Fargo, N. D.

Instr. chem., Univ. Mich., 1894-1902; instr. and asst. prof. chem., Univ. Ill., 1905-7; asst. prof. and prof. agrl. chem., Univ. Mo., 1907-18; present position, 1918-. Del. to Congress Applied Chem., N. Y., 1912. Pres. Amer. Assoc. Official Agrl. Chem., 1917-8. (Chem. of an. nutr.). —*b.* Three Rivers, Mich., Apr. 25, 1866; *s.* Geo. M. and Lesbia E. (Fox) T.; reared in town; *m.* Grace Hall, Sept. 4, 1894; *c.* Hugh M., Eleanor, Vernor H., Neva, Marion. Ph.B., Univ. Mich., 1892; M.A., 1905; Ph.D., Univ. Ill., 1906; B.Pd., Mich. State Normal Coll., 1892; M.Ped., 1912. Sigma Xi; Phi Lambda Upsilon; Alpha Chi Sigma; Gamma Sigma Delta; Phi Kappa Phi.

Troy, Hugh C., prof. dairying, Cornell Univ., Ithaca, N. Y.

Asst. dairying, Cornell Univ., 1897-1912; chem., N. Y. State Dept. Agr., 1898-1912; prof. dairying, 1912-; consulting chem., Dept. Agr., 1912-; dairy mfg. specialist, U. S. Dept. Agr., July-Oct. 1917. —*b.* Spencer, N. Y., May 2, 1867; *s.* John and Elizabeth (McAllister) T.; reared on farm; *m.* Mary M. Wall, May 10, 1900; *c.* Mary, Elinor, Hugh, Francis, Edith. B.S.A., Cornell Univ., 1896.

Truax, Hartley Eugene, broker fruits and veg., 211 Wholesale Terminal Bldg., Los Angeles, Calif.

Asst. plant path., Univ. Ark., 1912-3; asst. hort., 1913-5; invest. in marketing, Bur. Markets, U. S. Dept. Agr., 1915-22. 1st. Lieut., Q. M. C., U. S. Army, 1918-9. —*b.* Fennville, Mich., Mar. 23, 1886; *s.* Leonard and Flora Alice (Hendrick) T.; reared on farm; *m.* Lydia Harrison, Oct. 9, 1914. B.S., Mich. Agr. Coll., 1912; Mast. Hort., 1917. Alpha Zeta.

Truax, Henry, teach. voc. agr., high-sch., Paragon, Ind.

Served in World War. —*b.* Owen Co., Ind., May 21, 1896; *s.* Edward P. and Sarah (Lewis) T.; reared on farm; *m.* Mary A. Pruitt; *c.* Ross Allen, Ralph Eugene. B.S., Ohio State Univ.

Truax, Thomas Roy, wood technologist, For. Products Lab., Madison, Wis.

Formerly asst. prof. for., Ia. State Coll. —*b.* Guthrie Co., Ia., Dec. 3, 1886; *s.* John Wesley and Clara (Tolbert) T.; reared on farm; *m.* Lena Thompson, June 10, 1914; *c.* Donald Thompson, Thos. LeRoy. B.S., Ia. State Coll., 1912. Delta Upsilon.

True, Alfred Charles, specialist states relations work, U. S. Dept. Agr., Washington, D. C.

Princ. high-sch., Essex, N. Y., 1873-4; instr., State Normal Sch., Westfield, Mass., 1875-82; instr., Wesleyan Univ., 1884-8; ed., Off. Exp. Stas., U. S. Dept. Agr., 1889-90; vice-dir., 1891-2; dir., 1893-1915; dir. States Relations Serv., 1915-23. Dean Grad. Sch. Agr., Ohio State Univ., 1902; Univ. Ill., 1906; Cornell Univ., 1908; Ia. State Coll., 1910; Mich. Agr. Coll., 1912; Univ. Mo., 1914; Mass. Agr. Coll., 1916. Pres. Amer. Assoc. Agrl. Colls. and Exp. Stas., 1914; bibliographer, 25 yrs. Del. representing U. S. at General Assembly of Intern. Inst. of Agr., Rome, Italy, 1913; vice-chm. Fed. Council of Citizenship Training, 1923-. *Ed.*-in-chief, Experiment Station Record; Experiment Station Work. —*b.* Middletown Conn., June 5, 1853; *s.* Chas. Kittredge and Elizabeth Bassett (Hyde) T.; *m.* Emma Fortune, Nov. 23, 1875; *c.* Elizabeth Fortune, Henry Hyde. A.B., Wesleyan Univ., Conn., 1873; A.M., 1876; Ph.D., Erskine Coll., S.C., 1886; Sc.D., Wesleyan Univ., 1906.

True, Arthur W., co. agrl. agt., Ivanhoe, Minn.

b. Mankato, Minn., Dec. 25, 1898; *s.* Fred O. and Alice E. (Webster) T.; reared on farm. B.S., Univ. Minn., 1924.

True, Gordon Haines, prof. an. husb., Univ. Calif., Berkeley, Calif.

Instr. dairying, Mich. Agr. Coll., 1894-9; prof. an. husb., Univ. Ariz., 1899-1903; prof. agr. and an. husb., Univ. Nev., 1903-13; dir. Nev. Exp. Sta., 1912-3; present position, 1913-. Fellow A. A. A. S. Mem. Nev. State Bd. Agr., 1911-3; state quarantine officer for Nev., 1913; sec. and manag. Calif. Intern. Live-Stock Show; chm. Live-Stock Comn., Fed. Food Adminis. for Calif.; pres. Yolo Co. Cattlemens Assoc. —*b.* Baraboo, Wis., Dec. 14, 1868; *s.* John M. and Mary Annie (Beede) T.; reared on farm; *m.* Elizabeth Spayd Stubbs, Oct. 3, 1904; *c.* Elizabeth, Gordon H. Jr., Eunice Miriam. B.S., Univ. Wis., 1894. Delta Upsilon.

True, Rodney Howard, prof. bot. and dir. botanic gardens, Univ. Penn., Philadelphia, Pa.

Princ. Wis. Acad., Madison, 1892-3; instr. pharmacognosy, Univ. Wis., 1895-6; asst. prof., 1896-9; asst. bot., Radcliffe Coll., 1899-1900; lect. bot., Harvard Univ., 1900-1; plant physiol., U. S. Dept. Agr., 1901-20; present position, 1920-. 1st pres. Agrl. Hist. Soc., 1918. (Plant nutr., agrl. hist.). —*b.* Greenfield, Wis., Oct. 14, 1866; *s.* John M. and Mary Annie (Beede) T.; reared on farm; *m.* Katharine McAssey, July 1, 1896; *c.* Rodney Philip. B.S., Univ. Wis., 1890; M.S., 1892; Ph.D., Univ. Leipsic, 1895. Phi Beta Kappa; Sigma Xi; Delta Upsilon.

Trueman, John Main, prof. agr. and farm supt., N. S. Agr. Coll., Truro, N. S.

Instr. dairying, S. D. State Coll., 1895-7; farm manag., Thorndale, Pa., 1897-1900; Waverly, 1900-3; asst. an. husb. and dairying, Cornell Univ., 1903-5; asst. dairying, Univ. Ill., 1905-7; prof. dairying ind., Conn. Agr. Coll., 1907-13; present position, 1913-. (An. husb.). —*b.* Point de Bute, N. B., Dec. 19, 1870; *s.* Howard and Jean (Main) T.; reared on farm; *m.* Clara Louise Huff, Apr. 26, 1896; *c.* Howard L., Thompson, Albert W., Louise V. D. B.S.A., Cornell Univ., 1895.

Truesdell, Leon Edgar, expert special agt., Div. of Agr., Bur. of Census, Washington, D. C.

Formerly field asst. in rural organization, Bur. Markets, U. S. Dept. Agr. *Auth.*: (with E. A. Goldenweiser) Farm Tenancy in the United States, 1924; Farm Population of the United States, 1925. (Agrl. statistics). —*b.* Rowe, Mass., Mar. 15, 1880; *s.* Clarence and Linna Viola (Streeter) T.; reared in village; *m.* Constance Ethel Cole, June 19, 1916; *c.* Constance Emma, Miriam Helen. A.B., Brown Univ., 1907; A.M., 1907. Phi Beta Kappa.

Trullinger, Robert William, specialist in rural engin., U. S. Dept. Agr., Washington, D. C.

Bridge insp., Great Northern Ry.; asst. city engin., Clarinda, Ia.; asst. co. engin., Page Co., Ia. 1st Lieut. and Capt. U. S. Army, 1917-9; res. engin. officer. Vice-pres. and mem. exec. council, Amer. Soc. Agrl. Engin. Ed. sect. of rural engin., soils and fert., Experiment Station Record. —*b.* Farragut, Ia., Feb. 25, 1889; *s.* Wm. B. and Lucy M. (Butler) T.; reared in town; *m.* Pearl M. Jordan, Jan. 24, 1913; *c.* Virginia. B.S. in C.E., Ia. State Coll., 1910; A.E., 1925. Tau Beta Pi; Sigma Alpha Epsilon.

Truman, Edna, home dem. agt., Charleston, Ill.

Teach. high-sch., Hamilton, Ill., 1907-8; Geneseo, 1908-9; Urbana, 1909-11; Redwood City, Calif., 1911-20; home dem. agt., Kankakee Co., Ill., 1920-1; Coles Co., 1921-. —*b.* Urbana, Ill., June 11, 1880; *d.* John T. and Emma (Frankenberg) T.; reared on farm. B.S., Univ. Ill., 1907.

Trumbower, Henry R., sr. agrl. transportation econ., Bur. Public Roads, U. S. Dept. Agr., Washington, D. C.

Teach., Pennington Sem., 1903-7; mem. political econ. dept., Univ. Wis., 1910-6; mem. Wis. R.R. Comn., 1916-23; present position, 1923-. —*b.* Passer, Pa., Aug. 27, 1882; *s.* Aaron R. and Amelia (Koch) T.; reared in town; *m.* Josephine Allyn, June 10, 1916; *c.* Josephine. A.B., Lehigh Univ., 1903; M.A., Princeton Univ., 1908; student Munich Univ., Germany, 1909-10; Ph.D., Univ. Wis., 1924. Chi Phi; Beta Gamma Sigma.

Trumbull, Robert Samuel, co. agrl. agt., El Paso, Tex.

Instr. agrl. chem., Univ. Neb., 1908-9; adj. prof. agrl. chem., 1909-13; asst. agrl. chem., Neb. Exp. Sta., 1908-13; agrl. agt. El Paso & Southwestern Ry. System, El Paso, Tex., 1913-21; asst. state leader co. agt. work and boys and girls club work, Univ. Ariz., 1922-3; present position, 1924-. (Soil chem. and agron.). —*b.* Lakeport, N. Y., Jan. 18, 1881; *s.* L. M. and Emma (McCleary) T.; reared on farm; *m.* Mattie Grace Piggott, Sept. 24, 1908; *c.* Wendell P., Roberta S., Merlin L., Mattie Grace, Anelle L. A.B., Sc.B., Neb. Wesleyan Univ., 1907; A.M., Univ. Neb., 1908. Sigma Xi.

Truog, Emil, prof. soils, Univ. Wis., Madison, Wis.

Asst. soils, Univ. Wis., 1909-12; instr., 1912-6; asst. prof., 1916-7; assoc. prof., 1917-21; prof., 1921-. —*b.* Independence, Wis., Mar. 6, 1884; *s.* Thos. and Magdalena (Keller) T.; reared on farm. B.S.A., Univ. Wis., 1909; M.S., 1912. Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Gamma Alpha.

Tuck, Charles Henry, educ. dir. Dairymen's League Coop. Assoc., Inc., 120 W. 42nd St., New York, N. Y.

Chg. reading courses, Cornell Univ., 1906-7; asst. prof. ext. teaching, 1907-10; prof., 1910-6; head dept., 1909-16; staff Chautauqua Institution, Chautauqua, N. Y., 1909-10; ranchman with Manchurian Development Co., Manchuria, China, 1916-9, staff manag., 1918; in chg. Comn. on Agr. to Russia, 1919-20; on exec. staff, Equitable Life Assurance Soc. of U. S., N. Y. City, 1921-3; present position, 1924-. —*b.* Lisbon, N. Y., Apr. 21, 1881; *s.* Andrew and Maria (Lynch) T.; reared on farm; *m.* Ethel G. Pinder, Sept. 10, 1921. A.B., Cornell Univ., 1906. Delta Upsilon; Alpha Zeta.

Tucker, Clarence Mitchell, plant path., Porto Rico Agr. Exp. Sta., Mayaguez, Porto Rico.

Prof. plant path., Univ. Porto Rico, 1920-3; present position, 1923-. Served in U. S. Marine Corps. —*b.* Centralia, Mo., Oct. 28, 1897; *s.* Joseph D. and

Lena T. (Swinney) T.; reared on farm and in town; *m.* Helen Baskwell Jones, Sept. 15, 1920; *c.* Jacqueline Lee. B.S.A., Univ. Mo., 1920. Sigma Phi Epsilon.

Tucker, Ernest Eugene, co. agrl. agt., Rockville, Conn.

Farmer, Peterboro, N. H., 3 yrs.; gard. and florist, N. H., 2 yrs.; farmer and fruit-grower, Mass., 6 yrs.; landscape work, New England, 2 yrs.; war-garden superv., Springfield, Mass., 1 yr.; present position, 1919-. —*b.* Hyde Park, Mass., Apr. 2, 1882; *s.* Samuel S. and Ella A. (Dommet) T.; reared on farm and in town; *m.* Bessie C. Willard, 1910. Grad. N. H. Coll., 1907. Alpha Tau Alpha.

Tucker, Gilbert Milligan, ed. and auth., 304 State St., Albany, N. Y.

Mem. N. Y. State Food Invest. Comn., 1911; pres. N. Y. State Agrl. Soc., 1905-6. Traveled in Europe, N. Africa, W. Indies. *Auth.*: Our Common Speech, 1895; American Agricultural Periodicals, 1909; A Layman's Apology, 1913; American English, 1921. *Asst. ed.,* Country Gentleman, 1877-84; manag. ed., 1884-97; ed.-in-chief, 1897-1911. —*b.* Albany, N. Y., Aug. 26, 1847; *s.* Luther and Margaret Lucinda (Smith) T.; reared in city; *m.* Sara Edwards Miller, June 7, 1877; *c.* Margaret Cleveland, Gilbert M. Jr. A.B., Williams Coll., 1867; A.M., 1870. Phi Beta Kappa.

Tucker, Gilbert Milligan Jr., superv. exhibits, N. Y. State Dept. Health, Albany, N. Y.

On staff Country Gentleman, 1901-11. Farmer. Vice-pres. N. Y. State Agrl. Soc. —*b.* Albany, N. Y., Nov. 3, 1880; *s.* Gilbert Milligan and Sara Edwards (Miller) T.; reared in city. B.S.A., Cornell Univ., 1901. Alpha Zeta.

Tucker, Marion L., ext. prof. home econ., Mass. Agr. Coll., Amherst, Mass.

Instr. home econ., Ohio State Univ., 1914-9; ext. specialist, Ia. State Coll., 1919-21; asst. prof., Mich. Agr. Coll., 1921-2; present position, 1922-. Traveled in Europe, summer 1924. (Clothing, home furnishing). —*b.* Monson, Mass., Jan. 14, 1886; *d.* Wilson M. and Celia C. (Burt) T.; reared on farm. B.S., Columbia Univ., 1914.

Tucker, William Benjamin, co. agrl. agt., Prineville, Ore.

Farmer, 1911-3; fruit-grower, Boise Valley, 1913-4; princ. Franklin Rural High-Sch., 1915-8; agrl. agt. Ada Co., Ida., 1918-21; Crook Co., Ore., 1921-. —*b.* Chandeler, Kans., July 10, 1888; *s.* Wm. Henry and T. Ernestine (Moore) T.; reared on farm; *m.* Nellie Turner, 1911; *c.* Ethel Margie. Grad. Univ. Ill., 1911.

Tuckwiller, Ross Homan, farmer and agt. an. husb., U. S. Dept. Agr., Lewisburg, W. Va.

Farmer, 1916-. Pres. Greenbrier Co. Farm Bur., 1923-; dir. and vice-pres. W. Va. Wool Pool; vice-pres. W. Va. Coop. Livestock Shippers Assoc.; pres. Greenbrier Valley Coop. Livestock Shippers Assoc. (Beef cattle). —*b.* Lewisburg, W. Va., Mar. 6, 1895; *s.* David and Lucy (Watts) T.; reared on farm. B.S.A., W. Va. Univ., 1916.

Tufts, James Arthur Jr., nurseryman, Exeter, N. H.

Proprietor Granite State Nurseries; mem. exec. com., N. E. Nurserymens Assoc.; sec.-treas. Rockingham Co. Farm Bur. —*b.* Exeter, N. H., Oct. 8, 1891; *s.* Jas. Arthur and Effie (Locke) T.; reared in town; *m.* Hazel Weinbeck, June 28, 1919. B.S., N. H. Coll., 1914. Kappa Sigma.

Tufts, Warren Porter, asst. prof. pom., Univ. Calif., Davis, Calif.

Instr. hort., Ore. Agr. Coll., 1914-5; instr. pom., Univ. Calif., 1915-7; asst. prof., 1917-. (Pruning, pollination). —*b.* Cedarville, O., Jan. 8, 1890; *s.* Geo. L. and Mary Belle (Porter) T.; reared on farm and in city; *m.* Matilda Francis Humason, June 8, 1915; *c.* Warren Geo., Margaret Louise. B.S., Univ. Calif., 1912; M.S., Ore. Agr. Coll., 1914.

Tukey, Harold Bradford, assoc. in res. and hort. Hudson Valley fruit invests. for N. Y. State Agr. Exp. Sta., Hudson, N. Y.

Asst. in res., N. Y. State Agr. Exp. Sta., 1920-3; present position, 1923-. 1st Lieut. Field Art., U. S. Army, 1918-9. —*b.* Berwyn, Ill., Sept. 30, 1896; *s.* Jas. Bradford and Armenia (Mehrhof) T.; reared in town; *m.* Margaret Davenport, Nov. 23, 1918; *c.* Loren Davenport, Lois, Ronald Bradford. B.S., Univ. Ill., 1918; M.S., 1920. Theta Chi; Alpha Zeta.

Tull, John Hollister, marketing expert, Memphis, Tenn.

Florist, Amer. Rose Co., Washington, D. C., 1898; Dreer Co., Philadelphia, 1899; explorer, U. S. Bur. Plant Ind., in Japan, 1905-6; florist, Chambersburg, Pa., 1907; exp. sta. work, U. S. Dept. Agr., 1908-9; agrl. development agt., Kansas City Southern Ry., Mena, Ark., 1910-8; field agt. in marketing, U. S. Bur. Markets, Little Rock, Ark., 1918-20; supt. city markets, Memphis, Tenn., 1920; operator farmer's retail market and farmer's wholesale market, 1920-. —*b.* Morgantown, N. C., May 29, 1882; *s.* John and Lizzie (McKeehan) T.; reared in town; *m.* Grace Cavanaugh, June 2, 1908; *c.* Grace Antoinette. Grad. Mo. Bot. Gard., St. Louis, 1904.

Tullis, Melville P., field crops comnr., Dept. Agr., Regina, Sask.

Teach. public schs. and high-schs., Rouleau and Zealandia, Sask., 3 yrs.; homesteader, Sask., 1907-10. Treas. Sask. Registered Seed Growers Coop. Assoc.; 2d vice-pres. Sask. Field Husbandry Assoc.; chm. Provincial Seed Bd.; mem. Intern. N. W. Ent. Com. —*b.* Lanark Co., Ont., Aug. 22, 1887; *s.* John S. and Katherine (Watson) T.; reared on farm; *m.* Clara Myria Lanes; *c.* Marjorie Lucile, Gerald Duncan. Student Univ. Sask.

Tunison, Lula, home dem. agt., Memphis, Tenn.

Teach. English, high-sch., Lumberton, Miss., 5 yrs.; Mt. Olive, 1 yr.; Courtland, 2 yrs.; state agt. in chg. girls clubs, Miss. A. & M. Coll., 1918-22. Pres. Miss. Home Econ. Assoc., 1919-20; pres. Tenn. Home Econ. Assoc., 1924. —*b.* Athens, Ga., May 31, 1885; *d.* Geo. H. and Zipporah (Patrick) T.; reared in city and on farm. A.B., Ind. Inst. and Coll., Columbus, Miss., 1906.

Turlington, John Edwin, prof. agron., Univ. Fla., Gainesville, Fla.

Adj. prof. agron., Univ. Ga., 1912; supt. Craven Co. Farm Life Sch., 1913-6; present position, 1916-. —*b.* Clinton, N. C., June 1, 1884; *s.* Edwin Timothy and J. Frances (Howard) T.; reared on farm; *m.* May Baldwin, Sept. 6, 1910; *c.* Francis Wm., Lillian May, Edwin Baldwin, Henry Eugene. B.S.A., N. C. State Coll., 1907; M.S., Cornell Univ., 1911; Ph.D., 1912.

Turnbow, Grover Dean, asst. prof. dairying, Univ. Calif., Davis, Calif.

Instr. dairying, Wash. State Coll., 1917-8; asst. prof., 1918-9; ext. dairy specialist, Univ. Wyo., 1919-20; present position, 1920-. —*b.* Palouse, Wash., Oct. 10, 1892; *s.* O. A. and Namiao (Couchman) T.; reared on farm; *m.* Jessie Ruth Hill, Aug. 1916. B.S.A., Univ. Ida., 1916; M.S.A., Ia. State Coll., 1917. Phi Delta Theta; Alpha Zeta; Gamma Sigma Delta.

Turner, Arthur William, assoc. prof. agrl. engin., Ia. State Coll., Ames, Ia.

Sales engin., Smith Form-A-Tractor Co., 1917; judicial drainage engin., Nobles Co., Minn., 1917-8; present position, 1919-. Educ. sec., Army Y. M. C. A., 1918-9. —*b.* Worthington, Minn., Mar. 11, 1894; *s.* Frank C. and Emma (Seydel) T.; reared in town; *m.* Elizabeth Parry, Nov. 12, 1919. B.S., Ia. State Coll., 1917. Sigma Pi.

Turner, Charles Wesley, asst. prof. dairy husb., Univ. Mo., Columbia, Mo.

Asst. dairy husb., Univ. Mo., 1919-20; instr., 1920-4; asst. prof., 1924-. —*b.* Chicago, Ill., Jan. 20, 1897; *s.* Chas. W. and Florence Nightingale (Wakeman) T.; reared in city and on farm; *m.* Anna Alvira Schwartz, Aug. 17, 1919; *c.* Chas. Wesley Jr. B.S.A., Univ. Wis., 1919; A.M., Univ. Mo., 1921. Sigma Xi; Gamma Sigma Delta.

Turner, Chester Francis, sci. asst., Bur. Ent., U. S. Dept. Agr., Box 903, Schenectady, N. Y.

b. Rock Creek, Kans., May 12, 1890; *s.* Thos. A. and Helen (Castle) T.; reared on farm; *m.* Augusta W. Schroll, July 14, 1917; *c.* Ann Elizabeth. B.S., Kans. State Agr. Coll., 1912.

Turner, Edythe M., home dem. agt., Owatonna, Minn.

Instr. home econ., Crookston High Sch., 1913-23; present position, 1923-. —*b.* Crookston, Minn., Sept. 17, 1892; *d.* David H. and Elizabeth (Bohrer) T.; reared in town. Grad. Stout Inst., 1913.

Turner, Ernest DeWitt, co. agrl. agt., Eaton, O.

Teach. agr., Union High-Sch., Phoenix, Ariz., 1913-4; farmer, Ind., 1914-6; co. agrl. agt., Glenville, W. Va., 1918-20; Preble Co., O., 1921-. Organized Gilmer Co., W. Va., Sheep Breeders and Wool Growers Assoc. Capt. Inf., Mex. Border Serv., 1916; Lieut. Air Serv., U. S. Army, 1917-8. (Live-stock). —*b.* Wenona, Ill., Apr. 11, 1889; *s.* Chas. M. and Louise A. (Carrithers) T.; reared on farm. B.S., Univ. Ill., 1912.

Turner, Howard Archibald, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

(Econ. of renting farms). —*b.* Boston, Mass., July 1, 1888; *s.* Joseph F. and Annie C. (Van Hoven) T.; reared in city. B.Sc., Mass. Agr. Coll., 1912. Phi Kappa Phi.

Turner, Jesse Valmore, instr. voc. agr. and supt. high-sch., Utica, Okla.

State mission work under Ark. Baptist Conv. Bd. summers 1905-9; missionary in China under S. Baptist Conv. Bd. and established Moon-Turner Acad., Fengchow, 1909-13; supt. farm, Cameron, Okla., 1913-7; supt. schs., Okla., 1919-. —*b.* Newport, Ark., Sept. 25, 1880; *s.* Daniel Duncan and Martha (Drummond) T.; reared on farm; *m.* Bonnie Belle Tatum, Aug. 29, 1909; *c.* Mary, Floy, Martha, John, Frank. B.A., S. E. Teach. Coll., Durant, Okla., 1922; B.S., 1923.

Turner, Llewellyn, instr. agr., high-sch., Randolph, N. Y.

Served in A. E. F., 1917-9. —*b.* Berne, N. Y., Feb. 13, 1896; *s.* Llewellyn Vayle and Emma C. (Hilts) T.; reared on farm; *m.* Bertha Lauretta Rockwell, Apr. 5, 1922. B.S., Cornell Univ., 1922.

Turner, Louise Gifford, assoc. prof. teach.-training in voc. home econ., Penn. State Coll., State College, Pa.

Head dom. sci. dept., high-sch., Knoxville, Tenn., 1910-1; instr. home econ., Univ. Tenn., 1911-4; asst. prof., 1914-20; state superv. home econ. educ., 1919-20; present position, 1920-. —*b.* Binghamton, N. Y., Dec. 29, 1886; *d.* Henry Fearn and Mary E. (Steere) T.; reared in city. B.A., Univ. Tenn., 1908; M.A., 1910; M.A., Columbia Univ., 1920.

Turner, Nigle Layford, teach. voc. agr., high-sch., Rich Square, N. C.

Manag. Pararie Dairy Farm, Artesia, Miss., 1 yr. Served in U. S. Navy, 3 yrs. —*b.* Leakesville, Miss., Dec. 15, 1898; *s.* Syl. V. and Eleanor (Kittrell) T.; reared on farm. B.S., Miss. A. & M. Coll.

Turner, Ray A., field agt., N. Cent. Div. Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Asst. instr. dairy lab., Mich. Agr. Coll., 1909-10; instr. agr., high-sch., Hillsdale, 1910-8; instr. agr., summer sch., Mich. State Normal Sch., 1914; asst. state club leader, Mich., 1918; state club leader, 1918-24. Pres. Mich. Assoc. for Adv. Agrl. Teaching. —*b.* Chase, Mich., Oct. 5, 1884; *s.* Frank E. and Elizabeth (Arndt) T.; reared in rural community; *m.* Irene A. Rorison, Aug. 21, 1912; *c.* Phillip Rorison. B.S., Mich. Agr. Coll., 1909.

Turner, Russell Miller, asst. dir. ext. serv., Wash. State Coll., Pullman, Wash.

Formerly co. agrl. agt., Coupeville, Wash. —*b.* Elmvale, Ont., Apr. 1, 1892; *s.* Gavin A. and Amanda (Maneer) T.; reared on farm. B.S., Wash. State Coll., 1916. Sigma Phi Epsilon; Alpha Zeta.

Turney, Arthur Gordon, provincial hort., Dept. Agr., Fredericton, N. B.

With Ont. Dept. Agr., fruit div., 1908-10; present position, 1910-. Sec.-treas. N. B. Fruit Growers Assoc., 1910-. (Pom.). —*b.* Nottingham, England, Sept. 4, 1885; *s.* F. N. and Elizabeth (Jardine) T.; reared in city. B.S.A., Toronto Univ. and Ont. Agr. Coll., 1909.

Turpin, Joseph B., co. club agt., Court House, Trenton, N. J.

b. Sharptown, N. J., July 3, 1897; *s.* Joseph B. and Mary (Antrim) T.; reared in country; *m.* Grace Taylor Souders, June 27, 1923. B.S., Penn. State Coll., 1918.

Tuttle, Edward Mowbray, ed.-in-chief Book of Rural Life, Bellows-Durham Co., 104 S. Michigan Ave., Chicago, Ill.

Asst. rural educ., Cornell Univ., 1911-2; instr., 1912-4; asst. prof., 1914-8. Private, U. S. Army, 1918. *Ed.,* Cornell Rural School Leaflet 1915-8; ed., page for boys and girls, Rural New-Yorker, 1919-25. —*b.* New York City, Mar. 23, 1889; *s.* Ezra Armstrong and Anna Eudora (Mowbray) T.; *m.* Viola Amorita Culver, Oct. 2, 1919; *c.* Margaret, Philip. B.S.A., Cornell Univ., 1911; A.B., 1913.

Twilley, Otis Spooner, teach. voc. agr., high-sch., Easton, Md.

General manag. Farmers Exchange, Hurlock, Md., 1921-2; present position, 1922-; veg. seed grower, 1921-, breeding fusarium wilt resistant tomato seed. Pres. Md. Veg. Growers Assoc., 1923-4; dir. Md. Farm Bur. Fed., 1923-4. —*b.* Salem, Md., Jan. 12, 1899; *s.* Sleighter and Anna (Baumgartner) T.; reared on farm. B.S., Univ. Md., 1921. Alpha Zeta.

Twitchell, George M., farmer, Auburn, Me.

Inst. lect., 1883-. Lect. and overseer Me. State Grange. *Assoc. ed.,* Maine Farmer, 1873-97; ed. and manag., 1897-1904. (Farm and fruit crops). —*b.* Bethel, Me., Sept. 17, 1847; *s.* Almon and Phebe M. (Buxton) T.; reared in country; *m.* Florence Allen, Jan. 26, 1870.

Tyler, Arthur G., asst. prof. farm engin., Univ. Minn., University Farm, St. Paul, Minn.

Draftsman, machine designer, 3 yrs.; railroad engin., 4 yrs.; present position, 1918-. (Farm heating, lighting, plumbing, water supply, sanitation). —*b.* Reed City, Mich., Feb. 14, 1882; *s.* Alexander G. and Bertha (West) T.; reared in town; *m.* Pearl I. Peck, Sept. 20, 1911; *c.* Marjorie B. M.E., Mich. Agr. Coll., 1910.

Tyler, Comfort A., vice-pres. Commonwealth-Fed. Savings Bank, 36 Woodland Ave., Detroit, Mich.

Sec. Mich. State Livestock Sanitary Com., 12 yrs.; field agt., Mich. Agr. Coll., 3 yrs.; sec. Amer. Hampshire Sheep Assoc., 1900-; mem. exec. com., Mich. State Fair, 20 yrs.; sec. Nat. Fleece Wool Growers Assoc.; mem. exec. com., Mich. Wool Growers Assoc. (Mutton sheep). —*b.* St. Joseph Co., Mich., Feb. 24, 1865; *s.* Samuel and Sarah (Foote) T.; reared on farm; *m.* Eva E. Watson, 1885; *c.* Flora Helen, Pearl.

U

Ufford, Orville C., asst. prof. poultry husb., Colo. Agr. Coll., Fort Collins, Colo.

Instr. poultry husb., Ia. State Coll., 1915-7; present position, 1921-. —*b.* Zearing, Ia., Aug. 7, 1889; *s.* Myron C. and Ella A. (Chance) U.; reared in town; *m.* Ethel A. Hoon, 1914; *c.* Jean O. B.S., Ia. State Coll., 1914.

Ullsperger, Herman Wenzl, asst. prof. soils, Univ. Wis., Sturgeon Bay, Wis.

(Soils, hort.). —*b.* Wis., June 4, 1886; reared on farm; *m.* E. A. Hatch, 1912. B.S., Univ. Wis., 1911. Alpha Zeta.

Umbaugh, Edwin Thornton, teach. agr. and princ. high-sch., New Berlin, Ill.

Princ. high-sch., Argos, Ind., 1914-7; supt. schs., La Paz, 1917-20; supt. schs., White Pigeon, Mich., 1920-2; present position, 1923-. Pres. Sangamon Co. Teach. Assoc., 1923-4. —*b.* Fulton Co., Ind., Aug. 19, 1887; *s.* John

and Rachel Jane (Shobe) U.; reared on farm; *m.* Weltha Mae Alexander, Nov. 9, 1913; *c.* Willadean, Dorothy Irene, Edwin T. Jr., Alfred Wayne, Maurice Eugene. A.B., Wittenberg Coll., 1912.

Umberger, Harry John Charles, dir. ext., Kans. State Agr. Coll., Manhattan, Kans.

With U. S. Dept. Agr., 1906-11; dept. agron., Kans. State Agr. Coll., 1911-2; farmer, 1912-4; dem. superv. and asst. co. agt. leader, Kans. State Agr. Coll., 1915-7; co. agt. leader, 1917-20; acting dir. ext., 1919; dir., 1919-. —*b.* Hymer, Kans., Sept. 27, 1881; *s.* M. D. and Sarah E. (Hartert) U.; reared on farm; *m.* R. M. Kolck, June 12, 1909; *c.* Grace K., David J., Pauline E. B.S., Kans. State Agr. Coll., 1905.

Underwood, Francis O., asst. ext. prof. veg. gard., Cornell Univ., Ithaca, N. Y.

Instr. veg. gard., Cornell Univ., 1919-21; agrl. agt. Nassau Co., N. Y., 1921-2; present position, 1922-. —*b.* Mayville, N. Y., May 19, 1894; *s.* Geo. F. and Hattie (Beau Jean) U.; reared in village and on farm. B.S., Cornell Univ., 1918.

Underwood, Paul, teach. voc. agr., high-sch., Gregory, S. D.

Instr. sci. and math., high-sch., Bryant, S. D., 1922-3; instr. agr., Cresbard, 1923-4; Gregory, 1924-. Private Inf., U. S. Army, 1918-9. (Dairy husb.). —*b.* Willow Lake, S. D., May 31, 1896; *s.* E. I. and Panola (Willcutt) U.; reared on farm. B.S.A., S. D. State Coll., 1922. Alpha Zeta.

Upchurch, Walter H., co. agrl. agt., Channing, Tex.

Swine herdsman, Okla. and Mo., 1909-15; supt. stock farm, Dallam Co., Tex., 1915; foreman U. S. Field Sta., 1916-24; agrl. agt. Hartley Co., 1924-. —*b.* Conway Co., Ark., May 26, 1887; *s.* S. A. and Roxie (Brigham) U.; reared on farm; *m.* Marie Kriner, Dec. 24, 1910; *c.* Christine, Louise, Louis. Student W. Business Coll., Shawnee, Okla.; grad. S. W. State Normal, Weatherford, 1906.

Upshall, W. Harold, hort. invest., Hort. Exp. Sta., Vineland, Ont.

b. Port Elgin, Ont., Nov. 25, 1901; *s.* A. W. and M. S. (Forrester) U.; reared on farm. B.S.A., Ont. Agr. Coll., 1923; student Mich. Agr. Coll., 1924-5.

Upson, Fred Wilbert, prof. and head dept. chem., Univ. Neb., and chem. Exp. Sta., Lincoln, Neb.

Instr. chem., Univ. Cincinnati, 1910-2; Univ. Chicago, 1912-3; present position, 1913-. (Chem. of sugars). —*b.* Byron, Ill., Feb. 2, 1883; *s.* Richard E. and Mary W. (Johnston) U.; reared on farm and in city. B.Sc., Univ. Neb., 1907; M.A., 1908; Ph.D., Univ. Chicago, 1910. Sigma Xi; Gamma Alpha.

Urbahns, Theodore Dieterich, ent., Calif. State Dept. Agr., Sacramento, Calif.

With U. S. Bur. Ent., invest., Kans. Okla., Tex., 1908-9; chg. insectary and field work ent., Univ., Minn., 1909-11; Bur. Ent., 1911-20; Calif. State Dept. Agr., 1920-. Fellow A. A. A. S. —*b.* Minden, Ia., Aug. 1, 1880; *s.* Behrent Henry and Kathrine (Ivers) U.; reared in small town; *m.* Marie Estelle Daft, Jan. 2, 1913; *c.* Mary Barbara. B.S., Colo. Agr. Coll., 1908.

V

Vaden, Berta Lucas, home dem. agt., Claude, Tex.

Teach., Baldwyn, Miss.; princ. sch., Bonham and Sherman, Tex. —*b.* Baldwyn, Miss., July 30, 1869; *s.* L. P. and Jennie (Johnson) Lucas; reared on farm; *m.* Frank C. Vaden, June 21, 1900; *c.* Tennie Elizabeth. Grad. Mary Nash Coll., 1889.

Vail, Walter Cheney, co. agrl. agt., Mobile, Ala.

Dairy farmer, 1899; teach., manual training sch., Dayton, O., 1900; high-sch., Indianapolis, 1901; LaSalle-Peru, 1902-3; superv. manual training, Nashville, Tenn., 1904; cotton farmer, 1905-9; truck farmer, 1911-2; prof. mech. engin., Coll. Agr., Mayaguez, Porto Rico, 1912-6; co. agrl. agt., Salisbury, Md., 1916-8; Mobile, Ala., 1919-. —*b.*

Kewanee, Ill., Sept. 17, 1871; *s.* Edward M. and Emma (Cheney) V.; reared on farm; *m.* Jessica Marshall, Aug. 12, 1903; *c.* Edith Marshall, Viola Carmen. B.S., Univ. Ill., 1897.

Vaile, Roland Snow, assoc. prof. econ., Univ. Minn., Minneapolis, Minn.

Asst. prof. orchard manag., Univ. Calif., 1914-23. Agrst., Persian Relief Exped., Teheran, Persia, 1918-9. (Agrl. econ., marketing). —*b.* Nordhoff, Calif., Nov. 23, 1889; *s.* Chas. Selden and Octavia (Barrows) V.; reared in town; *m.* Marjorie Maynard, Mar. 1912; *c.* David Selden, Marjorie G., Roland Barrows. B.A., Pomona Coll., 1910; M.A., Harvard Univ., 1922. Phi Beta Kappa; Alpha Kappa Psi.

Valentine, George H., asst. agron. specialist, S. D. State Coll., Brookings, S. D.

Asst. agrl. agt. Douglas Co., S. D., 1918; instr. voc. agr., high-sch., Madison, 1920; asst. state club leader, S. D. State Coll., 1920-2; present position, 1923-. Sergeant Inf., U. S. Army, 1918-9; 2d Lieut., O. R. C., 1923-. Chief insp. S. D. potato certification work, 1924-. —*b.* White, S. D., Sept. 7, 1896; *s.* W. A. and Gertrude (Cowles) V.; *m.* Sophia B. Jensen, Feb. 25, 1922; *c.* Geo. H. Jr. B.S., S. D. State Coll., 1920.

Valgren, Victor Nelson, manag. crop and weather div., Automobile Insurance Co., Hartford, Conn.

Supt. city schs., Groton, S. D., 1905-8; instr. econ., Univ. Neb., 1910-1; instr. econ., Univ. Minn., 1912-3; asst. prof. econ., Univ. Kans., 1913-5; invest. agrl. insurance to econ. in chg. div. agrl. finance, U. S. Dept. Agr., 1915-23; present position, 1923-. —*b.* Sweden, June 30, 1876 (naturalized as minor); *s.* H. P. and Johanna (Swenson) V.; reared on farm; *m.* Margaret M. St. Clair, 1908. B.A., Gustavus Adolphus Coll., 1905; M.A., Univ. Minn., 1909; Ph.D., Univ. Chicago, 1924.

Valleau, William Dorney, assoc. prof. plant path. and plant path. Exp. Sta., Univ. Ky., Lexington, Ky.

Res. asst. plant-breeding, Univ. Minn., 1915-9; present position, 1919-. Mem. Ky. Acad. Sci. Served in Med. Corps, U. S. Army, World War. (Corn and tobacco diseases). —*b.* Minneapolis, Minn., Feb. 17, 1891; *s.* Joseph Geo. and Emma MacDonald (Armour) V.; reared in town; *m.* Marion Reed, 1917; *c.* Edward Dorney, Marion Reed, Jeanne Armour. B.S.A., Univ. Minn., 1913; Ph.D., 1917. Alpha Zeta; Gamma Alpha.

Van Aken, Kathryn Grace, state leader home econ. ext., Univ. Ill., Urbana, Ill.

Teach. high-sch., 1914-5; dietitian, Ann Arbor, Mich., 1915-8; home dem. agt., Buffalo, N. Y., 1919-20; nutr. specialist, Univ. Ill., 1920-1; asst. state leader, 1921-3; state leader, 1923-. —*b.* Hillsdale, Mich., July 12, 1891; *d.* Chas. T. and Frances (Cook) V.; reared on farm and in town. B.A., Hillsdale Coll., Mich., 1913; grad. student Columbia Univ., 1918-9.

Van Alstine, Ernest, assoc. prof. agron., Univ. Vt., Burlington, Vt.

Chem., Ill. Agr. Exp. Sta., 1907-18; ext. specialist, asst. and assoc. prof. agron., Univ. Vt., 1921-. —*b.* Grand Ledge, Mich., Apr. 15, 1882; *s.* A. O. and Mary L. (Parker) V.; reared on farm; *m.* Adah M. Stowell, 1910; *c.* Mary Louise. B.S., Mich. Agr. Coll., 1907; M.S., Univ. Ill., 1917; Ph.D., N. J. State Univ., 1920. Phi Lambda Upsilon.

Van Buren, Barent Dorr, asst. chief Bur. Plant Ind., Dept. Farms and Markets, fruit-grower, Niverville, N. Y.

Nursery insp., N. Y. State Dept. Agr., 1901-9; present position, 1909-. Vice-pres. W. N. Y. Hort. Soc.; treas. Hudson Valley Fruit Growers Assoc.; pres. N. Y. State Fruit Testing Assoc. (Hort., control insects and fungous diseases). —*b.* Stockport, N. Y., Dec. 3, 1874; *s.* John P. and Ruth Ann (Lay) V.; reared on farm; *m.* Charlotte Louise Van Buren, May 22, 1901. Student Cornell Univ., 2 yrs.

Vance, Arlo McCrillis, jr. ent., U. S. Dept. Agr., U. S. Ent. Lab., Charlottesville, Va.

b. Wheelock, Vt., Sept. 5, 1899; *s.* John G. and Cora (Wood) V.; reared in town. B.S., Univ. N. H., 1922; M.S., Univ. Va., 1925. Phi Mu Delta.

Van Cleef, Ellen, home dem. agt., 301 Federal Bldg., New Haven, Conn.

Teach. foods and clothing, public schs., Seneca Falls, N. Y., 1917-9; home dem. agt. Otsego Co., 1919-21; New Haven Co., 1921-. —*b.* Seneca Falls, N. Y., Jan. 22, 1893; *d.* Wm. Henry and Elizabeth (Beach) V.; reared on farm. B.S., N. Y. State Teach. Coll., 1917. Omicron Nu.

Vandecaveye, Silvere Cyril, head div. bact., Wash. Agr. Exp. Sta., Pullman, Wash.

Farm manag. Belgium, 3 yrs.; Menominee, Mich., 2 yrs.; res. fellow, Ia. State Coll., 1920-3; present position, 1923-. Sergeant Coast Art., 1918. —*b.* Zonnebeke, Belgium, Jan. 11, 1888 (naturalized 1919); *s.* Chas. and Marie Louise (Malfait) V.; reared on farm; *m.* Dorothy Martin Taylor, July 17, 1924. B.S., Mich. Agr. Coll., 1920; M.S., Ia. State Coll., 1921; Ph.D., 1923. Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Phi Lambda Upsilon; Lambda Chi Alpha.

Van Deman, Ruth, asst. home econ. in chg. publications, Bur. Home Econ., U. S. Dept. Agr., Washington, D. C.

Asst. ed., N. Y. State Coll. Agr., 1914-9; asst. editorial work, Off. Home Econ., U. S. Dept. Agr., 1919-23; present position, 1923-; temporary ed. Journal of Home Economics, Mar.-May 1921. —*b.* Geneva, Kans., Sept. 22, 1888; *d.* Henry E. and Anna (McCormick) V.; reared in town. A.B., Smith Coll., 1911; M.A., Columbia Univ., 1922.

Vandervort, John, poultry ext. specialist, Univ. Ill., Urbana, Ill.

Poultry ext. specialist, Cornell Univ., 1923-4; present position, 1924-. —*b.* Unadilla, N. Y., Mar. 2, 1900; *s.* Jay H. and Carrie E. (Wolcott) V.; reared on farm. B.S., Cornell Univ., 1923. Alpha Gamma Rho.

Van Dine, Delos Lewis, ent. insects affecting trop. plants, Trop. Plant Res. Foundation, 1350 B Street, S. W., Washington, D. C.; field address Central Baraguá, Camaguey Province, Cuba.

Ent. Hawaii Exp. Sta., 1902-9; special field agt., U. S. Bur. Ent., 1909-10; ent. Sugar Exp. Sta., Rio Piedras, Porto Rico, 1910-3; ent. insects affecting health of man, U. S. Bur. Ent. (lower Miss. valley), 1913-7, 1919-22; prof. ext. ent., Penn. State Coll., 1922-4. —*b.* Tompkins Co., N. Y., Feb. 2, 1878; *s.* Chas. and Mary (Wilcox) V.; reared on farm; *m.* Carolyn B. Gaylord, July 23, 1903; *c.* Chas. G., Delos L. Jr., Carolyn L. B.S.A., Cornell Univ., 1901. Alpha Zeta.

Van Dyke, Edwin Cooper, assoc. prof. ent., Univ. Calif., Berkeley, Calif.

b. Oakland, Calif., Apr. 7, 1869; *s.* Walter and Rowena (Cooper) V.; reared in city; *m.* Mary Annie Ames, June 7, 1915. B.S., Univ. Calif., 1893; M. D., Cooper Med. Coll., San Francisco, 1895. Sigma Xi; Beta Theta Pi; Phi Rho Sigma; Beta Kappa Alpha.

Van Es, Leunis, head dept. an. path. and hygiene, Univ. Neb., Lincoln, Neb.

Dem. normal histology and bact., Univ., Ala., 1898-1902; prof. vet. sci. and vet. Exp. Sta. and dir. State Serum Inst., N. D. Agr. Coll., 1902-18; present position, 1918-. Consulting vet., N. D. Live-Stock Sanitary Bd. Del. from U. S. to Intern. Vet. Congress, The Hague, 1909. *Ed.*, dept. vet. and rural hygiene, Dakota Farmer. —*b.* Melissant, Netherlands, Oct. 3, 1868 (naturalized 1899); *s.* Jacob and Maatje (Zaayer) V.; reared on farm; *m.* A. E. Wilson, July 11, 1894; *c.* Jacob, Maatje, Marie. V.S., Ont. Vet. Coll., 1893; M.D., Univ. Ala., 1898. Sigma Xi.

Van Fleet, Walter, hort. and physiologist, U. S. Dept. Agr., Washington, D. C.; June 18, 1857-Jan. 22, 1922. See Rus 1920.

Van Hoesen, Fred James, co. agrl. agt., Rockville, Md.; Aug 11, 1870-Apr. 11, 1924. See Rus 1920.

Van Leenwen, Earl R., asst. ent., Bur. Ent., U. S. Dept. Agr., Japanese Beetle Lab., Riverton, N. J.

2d Lieut. U. S. Army, 1917-9. —*b.* Saugatuck, Mich., Mar. 29, 1893; *s.* Martin and Margaret (Bos) V.; reared in village; *m.* June H. Hinman, Aug. 12, 1922. B.S., Mich. Agr. Coll., 1919.

Van Meter, Ralph Albert, prof. pom., Mass. Agr. Coll., Amherst, Mass.

Ext. specialist pom., Mass. Agr. Coll., 1917-23; prof., 1923-. Sec. Mass. Fruit Growers Assoc., 1922-5; mem. bd. manag., Amer. Pom. Soc., 1924-5. Sergeant U. S. Army, A. E. F.; military citation for bravery in action. —*b.* Columbus Grove, O., Oct. 4, 1893; *s.* Geo. and Hannah (Reeder) V.; reared on farm; *m.* Eudora Farnum Tuttle, July 6, 1918; *c.* David Farnum, Helen Lucile, Jas. Tuttle. B.S., Ohio State Univ., 1917. Delta Theta Sigma.

Van Norman, Hubert Everett, pres. Amer. Dry Milk Inst., 160 N. La Salle St., Chicago, Ill.

Asst. in butter-making, Mich. Agr. Coll., 1894-5; farm supt. and instr. dairying, Purdue Univ., 1898-1902; chief dairy dept., 1902-5; prof. dairy husb., Penn. State Coll., 1905-13; prof. dairy manag., vice-dir. Exp. Sta., dean Univ. Farm Sch., Univ. Calif., Davis, 1913-24. Sec. Ind. Dairy Assoc., 1898-1905; pres. Penn. Dairy Union, 1906, sec., 1907-13; sec. Agrl. Fed. of Pa., 1912-3; vice-pres. Nat. Dairy Show, 1907-8, sec. and manag., 1909-10, pres., 1911-24, dir., 1911-; dir. Nat. Dairy Council, 1919-; pres. Worlds Dairy Congress Assoc., 1922-; dir. Calif. Dairy Council, 1919-24; exec. sec. Fed. Milk Comn., 1918. Del. to Amer. Dairy Fed., 1924. *Auth.*: First Lessons in Dairying, 1908. —*b.* Tilsonburg, Ont., Jan. 30, 1872 (naturalized 1905); *s.* Geo. T. and Julia Bright (Everett) V.; reared on farm; *m.* Maud R. Carrigan, Aug. 28, 1915. B.S., Mich. Agr. Coll., 1897; LL.D., Syracuse Univ., 1924. Alpha Zeta.

Van Orsdel, William Jacob, instr. farm projects and farm mech., Calif. Jr. Republic Voc. High-Sch., Chino, Calif.

Teach. public schs., Savage, Neb., 1891-2; Marshall Co., Kans., 1896-8; farmer, Waterloo, Mont., 1901-6; Chico, Calif., 1908-19; Anderson, Calif., 1919-20; present position, 1922-. Pres. Chico Farmers Union, 1910-2; mem. state exec. com. for Calif. of Farmers Educ. and Coop. Union of Amer., 1910-2. —*b.* Gettysburg, Pa., Mar. 17, 1873; *s.* Isaac Fletcher and Kate Culver (Zug) V.; reared on farm; *m.* Helen I. Conway Dodds, 1898; *c.* Chas. Joseph, Alice Irene, Frederick William, Florence Isabel.

Van Rensselaer, Martha, prof. home econ., Cornell Univ., Ithaca, N. Y.

Teach. public schs., 1884-94; sch., comnr., Cattaraugus Co., N. Y., 1894-1900; instr. teach. insts., 1896-1904; sec. state summer sch., 1896-1900; ext. worker, Cornell Univ., 1900-; prof. home econ. and head of dept., 1912-. Mem. staff U. S. Food Adminis., Mar. 1918-Jan. 1919. Pres. Amer. Home Econ. Assoc., 1914-6. *Auth.*: (with Rose and Canon) Manual of Home-Making, 1918. *Ed.*, Reading Course for the Farm Home; *ed.* homemaking dept., Delineator. —*b.* Randolph, N. Y.; *d.* Henry Killian and Arvilla A. (Owen) V.; reared in village. Grad. Chamberlain Inst., Randolph, N. Y., 1883; A.B., Cornell Univ., 1909.

Van Sant, William Hermon, co. agrl. agt., Williamsport, Pa.

b. Oxford, Pa., July 19, 1900; *s.* Edward M. and Bertha A. (Montgomery) V.; reared on farm; *m.* Freda Crowl Mackareth, Aug. 16, 1922. B.S., Penn. State Coll., 1921. Alpha Gamma Rho.

Van Scoik, Roy Harrison, div. rep. Dairymen's League Coop. Assoc., Utica, N. Y.

Princ. and instr. agr. and biol., Sch. Agr. and Home-Making, Kings Ferry, N. Y., 1915-7; instr. agr., high-sch., Sleepy Eye, Minn., 1917-8; agt. Polk Co., Minn., 1918-9; Otsego Co., N. Y., 1919-21; present position, 1921-. —*b.* Aulne, Kans., July 28, 1888; *s.* Aaron and Aurelia (Gard) V.; reared on farm; *m.* Belle Armida Seymour, July 26, 1916. B.S.A., Kans. State Agr. Coll., 1914; grad. work, Cornell Univ., 1914-5. Theta Alpha.

Van Slyke, Lucius Lincoln, chem., N. Y. Agr. Exp. Sta., Geneva, and prof. dairy chem., Cornell Univ., Ithaca, N. Y.

Instr. chem., Univ. Mich., 1882-5; prof. chem., Oahu Coll., Honolulu, and govt. chem., 1885-8; lect. chem., Univ. Mich., 1888-9; present position, 1890-. Fellow A. A. A. S. Pres. N. Y. State Dairymens Assoc., 1897; pres. Assoc. Official Agrl. Chem., 1900. *Auth.*: Modern Methods of Testing Milk Products, 1906; (with Publow) The Science and Practice of Cheese-Making, 1900; Fertilizers and Crops, 1912. (Chem. of milk and milk products). —*b.* Centerville, N. Y., Jan. 6, 1859; *s.* Wm. J. and Catherine (Keller) V.; reared in village; *m.* Lucy M. Dexter, June 15, 1882; 2d, Julia Upson Hanford, Apr. 5, 1888; *c.* Donald Dexter, Lawrence Prescott. A.B., Univ. Mich., 1879; A.M., 1881; Ph.D., 1882. Phi Beta Kappa; Beta Theta Pi.

Van Wagenen, Jared Jr., farmer, Lawyersville, N. Y.

Lect. on agr. and country life. Mem. State Assembly, 1919-20. *Auth.*: The Cow, 1922. —*b.* Lawyersville, N. Y., May 14, 1871; *s.* Jared and Loraine (McNeill) V.; reared on farm; *m.* Magdalena Eliza Lamont, Dec. 31, 1896; *c.* Sarah Lamont, Loraine McNeill, Jared III, Margaret Augusta. B.S.A., Cornell Univ., 1891; M.S.A., 1897.

Vaughan, Edgar Allan, jr. ent., U. S. Dept. Agr., Box 241, Silver Springs, Md.

Teach. agr., high-sch., Arkansas City, Kans., 1912-3; field ent., Ala. Poly. Inst., 1914-6; agrl. ext., 1916-7; voc. and agrl. adv., U. S. Veteran's Bur., Birmingham, Ala., 1919-22; jr. ent., insects injurious to stored products, U. S. Dept. Agr., 1922-. Served in U. S. Army, 1917-9. (Fumigation). —*b.* Eureka, Kans., Nov. 5, 1888; *s.* Robt. Francis and Clara Adaline (Wagner) V.; reared in village and on farm; *m.* Jessie May Palmer, Apr. 27, 1918; *c.* Mary Willie, Edgar A. Jr. B.S., Kans. State Agr. Coll., 1912; M.S., 1914. Pi Kappa Delta; Acacia.

Vaughan, Henry William, prof. an. husb., Univ. Minn., University Farm, St. Paul, Minn.

Instr. an. husb., Ohio State Univ., 1909-10; asst. prof., 1910-2; asst. prof. an. husb., Ia. State Coll., 1913-4; assoc. prof., 1914-8; prof., 1918-9; present position, 1919-. Sec. Minn. Swine Breeders Assoc. *Auth.*: Types and Market Classes of Live Stock, 1915, rev., 1919. (Horse and swine husb.). —*b.* Cardington, O., Feb. 8, 1887; *s.* Edgar J. and Mary L. (Mooney) V.; reared in town; *m.* Nelle Page, Sept. 8, 1915; *c.* David Page. B.S., Ohio State Univ., 1908; M.S., 1909. Sigma Chi; Alpha Zeta.

Vaughan, Richard E., assoc. prof. plant path., Univ. Wis., Madison, Wis.

Asst. hort., Univ. Vt., 1907-8; instr. hort. and agron., Mt. Hermon Sch., Mass., 1909-10; dir. dept. agr., 1910-1; asst. plant path., Univ. Wis., 1911-4; instr., 1915; asst. prof., 1916-8; assoc. prof., 1918-. (Diseases of peas, potatoes, cabbage). —*b.* Woodstock, Vt., Mar. 27, 1884; *s.* Geo. H. and Frances C. (Montague) V.; reared on farm; *m.* Eloise A. Samson, Sept. 15, 1914; *c.* Jas. Samson, Edwin Arthur. B.S.A., Univ. Vt., 1907; M.S., Univ. Wis., 1912.

Vaughn, Molloy Clark, co. agrl. agt., Georgetown, Del.

Instr. hist. and civics, Miss. A. & M. Coll., 1915; princ. agrl. high-sch., Steens, Miss., 1916; present position, 1917-. —*b.* Caledonia, Miss., June 21, 1892; *s.* Wm. B. and Lucy (Brown) V.; reared on farm; *m.* Sarah Estelle Rogers, Apr. 9, 1919. B.S., Miss. A. & M. Coll., 1914.

Veazey, James McCandles, supt. Don Orchards, Midland, Mich.

Supt. schs., Caledonia, O., 1916-7; New Wilmington, Pa., 1917-20; co. superv. voc. educ., Washington Co., Pa., 1920-3; present position, 1923-. —*b.* Chase City, Va., Oct. 5, 1891; *s.* John Harrison and Martha (Armour) V.; reared in town; *m.* Alma B. Codding, Aug. 12, 1914; *c.* Arthur Jas., Robt. Wm. B.S., Ohio State Univ.

Veihmeyer, Frank, asst. prof. irrig. invests., Univ. Calif., Davis, Calif.

Sci. asst., Bur. Plant Ind., 1910-3; asst. irrig. engin., U. S. Dept. Agr., 1913-7; irrig. engin., 1917-8; present position, 1918-. —*b.* Washington, D. C., Dec. 25, 1886; *s.* J. Oliver and Nellie C. (Leavy) V.; reared in city; *m.* Frances L. Kelly, Nov. 20, 1913; *c.* Kathryn. B.S., Geo. Washington Univ., 1912; C.E., 1913. Sigma Phi Epsilon.

Vequist, David G., agrl. superv., public schs., St. Joseph, Mo.

Instr. high-sch., Glenwood, Ia., 1915-6; Fairfield, Neb., 1916-7; Mondamin, Ia., 1917-8; distr. agrl. agt., St. Paul, Neb. —*b.* Turner, Neb., June 30, 1889; *s.* Carl John and Betty (Johnson) V.; reared on farm; *m.* Augusta Pagenhagen, Feb. 14, 1914; *c.* Woodrow W., Jean L., David G. Jr. B.Sc., Univ. Neb., 1915.

Vergeront, Glen Wallace, co. agrl. agt., Black River Falls, Wis.

Teach. and princ. high-sch., 1914-8; teach. an. husb., La. Crosse Co. Sch. Agr., 1918-21; agrl. agt. Jackson Co., 1921-. Sec. Wis. Jersey Breeders Assoc. (Jersey cattle). —*b.* Cazenovia, Wis., Aug. 28, 1889; *s.* Geo. and Emily L. (Wallace) V.; reared on farm and in town; *m.* Elizabeth Van Denberg, Aug. 9, 1916; *c.* Glen Van-Denberg, Robt. Jas., John Geo. B.A., Univ. Wis., 1914.

Vestal, Claude M., assoc. in an. husb., Purdue Univ. Exp. Sta., LaFayette, Ind.

Asst. agrl. ext., Purdue Univ., 1912; instr. to assoc. prof., Kans. State Agr. Coll., 1912-7; exchange prof., Univ. Calif., 1917; present position, 1918-. —*b.* Montezuma, Ind., Feb. 25, 1883; *s.* Henry C. and Isabel (Brown) V.; reared on farm; *m.* Helen M. Jones, Sept. 3, 1914. B.S.A., Purdue Univ., 1911. Alpha Gamma Rho; Alpha Zeta.

Vetter, Clarence W., co. agrl. agt., Perryville, Mo.

Instr. agr. and manual training, high-sch., Clay Center, Kans., 1917-8; asst. agrl. agt., Knox Co., Mo., 1919; agrl. agt. Lewis Co., 1919-22; Perry Co., 1922-. Pres. Clay Center Farm and Home Inst., 1918. In U. S. Army, 1918. —*b.* Sterling, Ill., Apr. 16, 1891; *s.* Wm. and Helena (Peter) V.; reared in town and on farm. B.S., Ia. State Coll., 1917. Phi Kappa Phi; Gamma Sigma Delta.

Vick, Ance McClarn, teach. agr., high-sch., Hickory Grove, S. C.

b. Laurel, Miss., Oct. 14, 1895; *s.* J. A. and Marietta (McManns) V.; reared on farm; *m.* Ora Hewlett, Feb. 13, 1921; *c.* Ora Eckford, Mack. B.S., Miss. A. & M. Coll., 1924.

Vick, Edward Colston, advertising agt., A. T. DeLaMare Co., Inc., 205 Elwood Ave., Newark, N. J.

Hort. ed., New York Sun, New York Globe, Boston Sunday Advertiser, New York American, Delineator, and others. *Auth.*: Soil Fertilizing, Irrigation and Drainage; Market Gardening-Truck Gardening. —*b.* Rochester, N. Y., Sept. 17, 1864; *s.* Jas. and Mary E. (Seeley) V.; reared on farm; *m.* Florence Louise Brooks, Sept. 4, 1884; *c.* Florence Louise, Jas.

Vickers, Gates Sterling, asst. prof. poultry husb., Ohio State Univ., Columbus, O.

Instr. poultry, N. Mex. A. & M. Coll., 1917-9; instr. poultry, Cornell Univ., 1920; instr., Ohio State Univ., 1920-3; asst. prof., 1924-. Served in U. S. Army, 1918. —*b.* Canajoharie, N. Y., Dec. 2, 1895; *s.* F. D. and Catherine S. (Gates) V.; reared in town; *m.* Marion L. Leek, June 14, 1924. B.S.A., N. Mex. A. & M. Coll., 1917; M.S.A., Cornell Univ., 1920.

Vickery, Roy Albion, asst. ent., U. S. Dept. Agr., 10 Court St., Arlington, Mass.

(Insects injurious to cereal and forage crops). —*b.* Mora, Minn., Mar. 15, 1883; *s.* Thos. B. and Hattie L. (Pomeroy) V.; reared in town. A.B., Univ. Minn., 1906; A.M., 1907. Sigma Xi.

Vickery, Thurlow Glenn, teach. voc. agr., high-sch., Attica, O.

Superv. voc. agr., high-sch., Bluffton, O., 1919-23; Attica, 1923-. Sec. Bluffton Fair Assoc., 1920-3. —*b.* Bellevue, O., Sept. 30, 1896; *s.* Thos. P. and Addie M. (Moyer) V.; reared on farm and in village. B.S.A., Ohio State Univ., 1919; grad. student Cornell Univ., 1924.

Vifquain, Russell Manning, assoc. prof. and head noncollegiate farm crops and soils dept. and chm. winter short-courses, Ia. State Coll., Ames, Ia.

Teach. Smith-Hughes agr. high-sch., Washington, Ia., 3 yrs.; Newton, 1 yr.; present position, 1920-. In Panama, 1910-1. (Soils). —*b.* Springview, Neb., May 7, 1892; *s.* J. B. and May E. (Patterson) V.; reared on farm; *m.* Zola H. Ochiltree, June 20, 1917; *c.* Russell M. Jr., Robt. Harlan. A.B., Neb. Wesleyan Univ., 1915; M.A., Univ. Mo., 1917. Alpha Tau Omega; Gamma Alpha.

Vinall, Harry Nelson, agron., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Dry-land forage crops, especially sorghums). —*b.* near Nevada, Ia., Jan. 31, 1880; *s.* Geo. W. and Delina (Neal) V.; reared on farm; *m.* Mary Agnes Austin, Oct. 31, 1912. B.S., Kans. State Agr. Coll., 1903; M.S.A., Cornell Univ., 1912. Sigma Xi; Phi Kappa Phi.

Vincent, Clarence Cornelius, prof. hort., Univ. Ida., Moscow, Ida.

Asst. hort., Ore. Agr. Coll., 1907-9; asst. hort., Univ. Ida., 1910; assoc. prof., Clemson Agr. Coll., 1911; assoc. prof. hort., Univ. Ida., 1912; prof., 1914-. —*b.* Middleton, Ore., May 3, 1884; *s.* Thos. T. and Alice (Countryman) V.; reared on farm; *m.* Adalite H. Horning, Sept., 1909; *c.* Robt., Alice Elizabeth, Wilbur. B.S.A., Ore. Agr. Coll., 1907; M.S., 1909; M.S.A., Cornell Univ., 1910.

Vining, Keats Kendall, co. agrl. agt., Assoc. of Commerce Bldg., Grand Rapids, Mich.

Teach. agr., high-sch., Fremont, Mich., 1913-8; agrl. agt. Emmet Co., 1918-22; Kent Co., 1922-. —*b.* Lakeview, Mich., July 15, 1889; *s.* Cary W. and Mary (Kendall) V.; reared in town; *m.* Vesta Edgerly, Aug. 11, 1914; *c.* Keats K. Jr., Jean Marie. B.S., Mich. Agr. Coll., 1913.

Vinson, Albert Earl, chem., Service Technique du Departement de l'Agriculture, Port-au-Prince, Haiti.

Instr. agrl. chem., Ohio State Univ., 1897-1902; prof. agrl. chem., Univ. Ariz., 1905-24; present position, 1924-. Fellow A. A. A. S. Contr. to Book of Rural Life. (Chem. and processing of date, semi-arid soils, irrig. waters). —*b.* Dayton, O., Oct. 30, 1873; *s.* Samuel H. and Mary (Mull) V.; reared in city; *m.* Louisa M. Albert, June 17, 1897. B.S., Ohio State Univ., 1901; Ph.D., Univ. Goettingen, Germany, 1904. Sigma Xi; Phi Kappa Phi.

Vivian, Alfred, dean Coll. Agr., Ohio State Univ., Columbus, O.

Instr. pharmacognosy, Univ. Wis., 1894-5; asst. agrl. chem., 1895-7; instr. and asst. chem. Exp. Sta., 1897-1902; assoc. prof. agrl. chem., Ohio State Univ., 1902-5; prof., 1905-; dean Coll. Agr., 1915-. *Auth.*: First Principles of Soil Fertility, 1908; Everyday Chemistry, 1919; contr. to Book of Rural Life. —*b.* Mineral Point, Wis., Mar. 14, 1867; *s.* John H. and Amelia (Stansmore) V.; reared in country; *m.* Frances Holder Chandler, Apr. 21, 1898. Ph.G., Univ. Wis., 1894.

Vogt, Paul L., supt. dept. of rural work, Bd. Home Missions and Church Ext., Methodist Episcopal Church, 1701 Arch St., Philadelphia, Pa.

Special agt., U. S. Bur. Labor and Corporations, 1907-9; asst. prof. econ., Wash. State Coll., 1909-11; prof. sociol., Miami Univ., 1911-5; prof. and head dept. rural econ., Ohio State Univ., 1915-7; present position, 1917-. *Auth.*: Sugar Refining Industry, United States, 1908; Introduction to Rural Sociology, 1917. —*b.* Upper Sandusky, O., May 28, 1878; *s.* Wm. A. and Sarah J. (Ewart) V.; reared on farm; *m.* Carolyn A. Pennell, Aug. 27, 1905; *c.* Beatrice A., Wm. L. A.B., Butler Coll., 1903; Univ. Chicago, 1903; Ph.D., Univ. Penn., 1907. Delta Tau Delta.

Voigt, Henry E., farmer, Hamburg, Wis.

Ed. and business manag., Der Gefluegel-Zuechter, 37 yrs. *Auth.*: Das Deutsch Gefluegelbuch. (Poultry, bees). —*b.* Clyman, Wis., July 21, 1858; *s.* John F. and Augusta (Finke) V.; reared on farm; *m.* Emilia Hiller, Apr. 19, 1881; *c.* Alwina, Belinda, Clara, Arnold F., Henry E. Jr., Adelia, Clarence A.

Volz, Emil Conrad, assoc. prof. flor. and veg. crops, Ia. State Coll., Ames, Ia.

Instr. flor. and veg. crops, Ia. State Coll., 1914-5; instr. flor., Cornell Univ., 1915-8; asst. prof. hort., Univ. Ill., 1919-21; present position, 1921-. Pres. Soc. Ia. Flor., 1924. —*b.* Saginaw, Mich., Sept. 22, 1891; *s.* Frederick and Sophia (Spring) V.; reared in town and on farm; *m.* Sallie Logan McCubbin, Aug. 4, 1920. B.S., Mich. Agr. Coll., 1914; M.S.A., Cornell Univ., 1918. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Von Tungeln, George Henry, prof. rural sociol., Ia. State Coll., and chief rural sociol. sect., Ia. Exp. Sta., Ames, Ia.

Teach. rural schs., Ill., 2 yrs.; acting co. supt. schs., Pope Co., Ill., summer 1911; instr. English, Mich. Agr. Coll., 1910-1; asst. rural sociol., Ia. State Coll., 1913-4; assoc. prof., 1914-9; prof., 1919-. Mem. Com. Social Welfare, Ia. State Conference of Social Work; Ia. state dir. for Nat. Country Life Assoc. *Joint auth.*: Persistent Public Problems; Unemployment, Social and Industrial Righteousness, 1916. —*b.* Golconda, Ill., July 30, 1883; *s.* Gerhardt and Cathrine (Manson) V.; reared on farm; *m.* Maude Mildred Drew, Sept. 2, 1914. Ph.B., Cent. Wesleyan Coll., Warrentown, Mo., 1909; A.M., Northwestern Univ., 1910; Robert Treat Paine fellow, Harvard Univ., 1911-3. Gamma Sigma Delta.

Voorhies, Edwin Coblentz, asst. prof. an. husb. and asst. to dean Coll. Agr., Univ. Calif., Berkeley, Calif.

Lieut. Field Art., U. S. Army. —*b.* Calif., May 18, 1892; *s.* Firman Butler and Susan (Coplantz) V.; reared in small town. B.S., Univ. Calif., 1913. Alpha Zeta; Theta Xi.

Vorhies, Charles Taylor, prof. ent. and ent. Exp. Sta., Univ. Ariz., Tucson, Ariz.

Asst. zool., Univ. Wis., 1904-8; prof. zool., Univ. Utah, 1908-15; asst. prof. biol., Univ. Ariz., 1915-6; prof. zool., 1916-8; prof. ent., 1918-. (Ecology desert animals, range rodents, econ. ent.). —*b.* Mt. Pleasant, Ia., Sept. 7, 1879; *s.* Daniel J. and Rachel E. (Taylor) V.; reared on farm; *m.* Mary Isabel Tuttle, Sept. 7, 1901; *c.* Chas Tuttle. B.S., Ia. Wesleyan Coll., 1902; Ph.D., Univ. Wis., 1908. Sigma Xi; Phi Delta Theta.

Vrooman, Carl Schurz, farmer and publicist, Bloomington, Ill.

Regent Kans. State Agr. Coll., 1898-1900; asst. sec. of agr., U. S. Dept. Agr., 1914-9. Farming in Ill. and Ia. Traveled in Europe. Contr. to public press. *Auth.*: Taming the Trusts, 1900; American Railway Problems, 1910; The Lure and Lore of Travel, 1914; Grain Farming in the Middle West, 1916. —*b.* Macon, Mo., Oct. 25, 1872; *s.* Hiram Perkins and Sarah (Buffington) V.; reared in village and city; *m.* Julia Green Scott, Dec. 28, 1896. Student Harvard Univ., 3 yrs.; study of econ., agr. and politics in Europe, 4 yrs. Pi Eta.

Vrooman, Raymond Clifford, teach. agr., high-sch., Prattsburg, N. Y.

b. Sharon Springs, N. Y., May 1, 1900; *s.* Wilson N. and Franc (Hiller) V.; reared on farm. B.S., Cornell Univ., 1923.

W

Wade, Albert Earle, instr. voc. agr., high-sch., Billings, Okla.

Jr. mem. of Shorthorn breeding firm of A. I. Wade and Son, Douglas, Okla. —*b.* Enid, Okla., Nov. 25, 1894; *s.* Albert Irvin and Dollie Anna (Boyd) W.; reared on farm. B.S., Okla. A. & M. Coll., 1918. Sigma Phi Epsilon; Alpha Zeta.

Wade, Barnum Benson, teach. voc. agr., high-sch., Center, Mo.

In Med. Dept., U. S. Army, 1917-9. —*b.* Republic, Mo., Mar. 2, 1893; *s.* Jas.

Benson and Darthula (Denny) W.; reared on farm. B.S.A., M.A., Univ. Mo., 1923.

Wade, Joseph Sanford, assoc. ent., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Field asst., U. S. Bur. Ent., 1913-7; sci. asst. cereal and forage insect invests., 1917-23; assoc. ent., 1923-. —*b.* Marrowbone, Ky., July 20, 1880; *s.* Jas. B. and Nannie (Beck) W.; reared on farm. Student Fairmount Coll., Univ. Chicago.

Wadleigh, Clarence Benjamin, state club leader, Univ. N. H., Durham, N. H.

Emergency club agt., Belknap Co., N. H., 1916; Rockingham Co., 1919; acting state club leader, Univ. N. H., 1920; club leader, 1921-. —*b.* Kingston, N. H., Aug. 19, 1895; *s.* Joseph B. and Elizabeth E. (Gemeny) W.; reared on farm; *m.* Cornelia E. French, June 20, 1922. B.S., Univ. N. H., 1918. Alpha Zeta; Lambda Chi Alpha.

Wadley, Francis Marion, jr. ent., U. S. Dept. Agr., 126 S. Minneapolis Ave., Wichita, Kans.

Truck crop insect invests., U. S. Dept. Agr., Wichita, Kans. and Muscatine, Ia., summers 1914-6, 1917-9; field ent., Ill. Nat. Hist. Survey, Rockford, 1920; cereal and forage insect invests., U. S. Dept. Agr., 1921-. —*b.* Utica, Mo., Nov. 17, 1892; *s.* John Vanhorn and Isabelle (Jacobs) W.; reared on farm; *m.* Berta Chandler, Apr. 4, 1918; *c.* Katherine, Margaret. B.S., Kans. State Agr. Coll., 1916; M.S., 1922. Phi Kappa Phi; Gamma Sigma Delta.

Wadsworth, Harold Anderson, asst. prof. irrig. invests. and practice, Univ. Calif., Davis, Calif.

Served in Engin. Corps, U. S. Army, 1917-9. —*b.* Superior, Wis., Mar. 12, 1893; *s.* Henry Hayes and Jennie M. (Anderson) W.; *m.* Dorothy A. Hutchins, Dec. 22, 1922. B.S., Univ. Calif., 1916. Theta Xi; Alpha Zeta.

Wadsworth, James Wolcott Jr., farmer and senator, Mt. Morris, N. Y.

Farmer, Mt. Morris, N. Y., 1899-; manag. ranch, Paloduro, Tex., 1911-. Mem. N. Y. Assembly, 1905-10; speaker, 1906-10; U. S. Senator, 1915-. —*b.* Geneseo, N. Y., Aug. 12, 1877; *s.* Jas. W. and Louisa (Travers) W.; *m.* Alice Hay, Sept. 30, 1902. B.A., Yale Univ., 1898.

Wagener, Willis W., asst. path., For. Serv., U. S. Dept. Agr., Ferry Bldg., San Francisco, Calif.

Field asst. for. path., U. S. Dept. Agr., 1920-2; jr. path., 1922-4; asst. path., 1924-. Served in U. S. Army, 1917-9. —*b.* Salida, Calif., Sept. 10, 1892; *s.* John A. and Mary Elisabeth (Yeiser) W.; reared in town; *m.* Edna A. Hannibal, June 1, 1922. A.B., Stanford Univ., 1917; student Univ. Calif., 1919-20. Sigma Xi.

Wagner, Fay Arthur, supt. Garden City Exp. Sta., Garden City, Kans.

Asst. dry land agr., Big Spring Field Sta., Tex., 1916-8; asst. dry land agr., Garden City Exp. Sta., Kans., 1918-9; supt., 1919-. Sec.-treas. Finney Co. Farm Bur., 1918-22. (Agron.). —*b.* Letts, Ia., Dec. 2, 1888; *s.* W. W. and Mollie (Hudler) W.; reared on farm; *m.* Margaret Longbottom, Dec. 2, 1916; *c.* Fay Arthur Jr., Mildred Evelyn, Robt. Earl, Mary Louise. B.S.A., N. Mex. A. & M. Coll., 1916.

Wagoner, Jew Irvin, co. agrl. agt., Court House, Greensboro, N. C.

Princ. Lowe's Grove Farm Life Sch., Durham, N. C., 1919-23. 2d Lieut. Inf., U. S. Army, World War. —*b.* Gibsonville, N. C., July 19, 1896; *s.* John Valentine and Mary Ellen (Rogers) W.; reared on farm; *m.* Eunice Kent Homewood, June 4, 1921; *c.* Margaret Ellen, John Bryan, Fred Homewood. B.S., N. C. State Coll., 1919. Alpha Zeta.

Wahlberg, Harold Edward, co. agrl. agt., Santa Ana, Calif.

Hort. comnr. Glenn Co., Calif., 1917-8; agrl. agt. Orange Co., 1918-. (Citrus culture). —*b.* Seattle, Wash., July 18, 1890; *s.* Hans C. and H. C. (Swedberg) W.; reared on farm; *m.* Bertha Wing, Mar. 1920; *c.* Brent Wesley, Robt. Hamlet. B.S., Ore. Agr. Coll., 1911.

Waid, Clarence William, dir. fruit and veg. marketing, Ohio Farm Bur. Fed., 199 E. Gay St., Columbus, O.

Asst. hort., N. H. A. & M. Coll., 1899-1900; asst. hort., Ohio Exp. Sta., 1900-7; fruit farmer, 1908-11; hort., Ohio State Bd. Agr., 1912-3; ext. specialist hort., Mich. Agr. Coll., 1914-21; present position, 1921-. Vice-pres. O. Hort. Soc.; sec. O. For. Soc.; pres. and dir. Veg. Growers Assoc. of Amer.; pres. Potato Assoc. of Amer.; sec. Mich. Potato Growers Assoc.; sec. Mich. Veg. Growers Assoc.; sec. O. Fruit Growers Coop. Assoc.; sec. O. Cabbage Growers Coop. Assoc. (Potatoes, veg. forcing). —*b.* Fulton Co., O., May 2, 1874; *s.* Wm. and Mariah (Kipp) W.; reared on farm; *m.* Iva Hughes, Sept. 28, 1902; *c.* Wm. Cyrus, Margaret Emma, Robt. Clarence. B.S., Ohio State Univ., 1898. Alpha Zeta.

Waite, Merton Benway, path. in chg. fruit disease invests., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Bot. asst., Univ. Ill., 1887-8; sci. asst. and asst. path., U. S. Dept. Agr., 1888-1901; present position, 1901-. Farmer, Woodwardville, Md. —*b.* Oregon, Ill., Jan. 23, 1865; *s.* E. J. and Elizabeth (Benway) W.; reared on farm and in town; *m.* Elizabeth E. Hurdle, Dec. 11, 1912; *c.* Merton T., Malden D. B.S., Univ. Ill., 1887; D. Agr., Md. State Coll., 1919.

Waite, Roy Harrison, prof. poultry husb., Univ. Md., College Park, Md.

Foreman poultry plant, Mich. Agr. Coll., 1907-9; asst. biol., R. I. Exp. Sta., 1909-10; poultry invest., Md. Exp. Sta., 1910-21; present position, 1921-. —*b.* Burnside, Mich., June 7, 1885; *s.* Wm. Henry and Sarah Elizabeth (King) W.; reared on farm; *m.* Mary Camp Baker, June 28, 1911; *c.* Alan Knowlton. B.S., Mich. Agr. Coll., 1907.

Wakeland, Claude, ent. Exp. Sta., Univ. Ida., Moscow, Ida.

Farmer and stockman, W. Colo., 10 yrs.; with Colo. Dept. Ent. and Exp. Sta., 5 yrs. —*b.* San Louis Valley, Colo., Aug. 2, 1888; *s.* L. B. and Georgia A. (Comer) W.; reared in city and in country; *m.* Celia Boston, Oct. 26, 1916; 2d Laura Mason, Sept. 3, 1921. B.S., Colo. Agr. Coll., 1914. Alpha Zeta; Sigma Delta.

Wakeley, Raymond Earl, co. agrl. agt., Honesdale, Pa.

b. Laceyville, Pa., Jan. 30, 1895; *s.* Jas. Monroe and Ida (Drake) W.; reared on farm; *m.* Ruth Homan, Dec. 25, 1917; *c.* Jay Townsend. B.S., Penn. State Coll., 1917; M.S., Univ. Wis., 1924. Delta Sigma Phi.

Waksman, Selman Abraham, microbiol., N. J. Agr. Exp. Sta., New Brunswick, N. J.

Res. asst., N. J. Agr. Exp. Sta., 1915-6; res. fellow, Univ. Calif., 1916-7; microbiol., N. J. Agr. Exp. Sta., 1918-; lect. in soil microbiol., Rutgers Coll., 1921-; biochem. The Cutter Biol. Lab., 1917-8; bact., Takamine Lab., 1919-20. Amer. del. to 4th Intern. Congress on Soils, Rome, 1924. —*b.* Priluka, Russia, July 28, 1888 (naturalized 1915); *s.* Jacob and Fradia (London) W.; reared in town; *m.* Bertha Mitnick, Aug. 4, 1916; *c.* Byron Halsted. B.S., Rutgers Coll., 1915; M.S., 1916; Ph.D., Univ. Calif., 1917. Phi Beta Kappa.

Waldo, Russell Huntington, teach. voc. agr., high-sch., Lebanon, Conn.

Dairy and poultry farmer, Scotland, Conn., 1916-22. Master Shetucket Grange, 4 yrs. —*b.* Scotland, Conn., Mar. 2, 1891; *s.* Gerald and Mary E. (Thomas) W.; reared on farm; *m.* Merle E. Valleau, July 26, 1916; *c.* Geraldine M. B.S., Mich. Agr. Coll., 1916.

Waldron, Clare Bailey, dean of agr., N. D. Agr. Coll., Agricultural College, N. D.

Instr. bot., Mich. Agr. Coll., 1888-90; prof. hort., N. D. Agr. Coll., 1890-; dean agr., 1915-. Fellow A. A. A. S. Pres. Tri-State Grain and Stock Growers Assoc. Mem. jury awards, St. Louis Expos.; chm. jury awards, Portland Expos. —*b.* Ravenna, O., Dec. 6, 1865; *s.* David S. and Louise (Root) W.; reared on farm; *m.* Lois Hooper, Dec. 24, 1891; *c.* Clarence, Max, Eloise. B.S., Mich. Agr. Coll., 1887. Alpha Gamma Rho; Alpha Zeta.

Waldron, Lawrence Root, plant-breeder, N. D. Exp. Sta., Agricultural College, N. D.

Asst. bot., N. D. Agr. Coll., 1900-5; supt. Exp. Substa., 1905-16; present position, 1916-. Fellow A. A. A. S. —*b.* Ionia, Mich., Oct. 20, 1875; *s.* D. S. and L. A. (Root) W.; reared on farm; *m.* Emma Grafenstein, 1903; *c.* Heber G., Frederick R., Chas. B., Lois A., Ruth Anne. B.S., N. D. Agr. Coll., 1899; M.A., Univ. Mich., 1902.

Walker, Arthur LeRoy, chief dept. agrl. econ., N. Mex. A. & M. Coll., State College, N. Mex.

Asst. co. agt., Mahaska Co., Ia., 1920; asst. prof. agrl. econ. ext., Ia. State Coll., 1921-2; prof. poultry husb., N. Mex. A. & M. Coll., 1923-5; present position, 1925-. Sergeant U. S. Army, 1917-9; awarded Italian Cross of War, Mt. Grappa medal. —*b.* Dumont, Ia., Nov. 24, 1894; *s.* Edward D. and Elizabeth (Bohn) W.; reared on farm. B.S., Ia. State Coll., 1921; M.S., Univ. Wis., 1923.

Walker, Ernest Dewitt, co. agrl. agt., Stronghurst, Ill.

Farmer, Ill., 1910-21; co. ext. agt., Mo., 1921-4; agrl. agt. Henderson Co., Ill., 1924-. —*b.* Tennessee, Ill., June 12, 1887; *s.* Mathew Henry and Frances (Thompson) W.; reared on farm; *m.* Nellie Battson, June 12, 1914; *c.* Ernest Warren, Richard Battson, John Robt. B.S.A., Univ. Ill., 1910. Alpha Zeta.

Walker, Florence Margaret, home dem. agt., 207 Interurban Bldg., Columbus, O.

Teach. home econ., Pomeroy, O., 1918-9; dir. home econ., Adrian Coll., Adrian, Mich., 1919-23. —*b.* Cheshire, O., July 8, 1893; *d.* Amos L. and Emma (Resener) W.; reared on farm. B.S., Ohio State Univ., 1923.

Walker, Floyd Wilson, co. agrl. agt., Kosciusko, Miss.

Supt. agrl. high-sch., 5 yrs.; farming, 3 yrs.; present position, 1922-. —*b.* Meridian, Miss., Dec. 30, 1890; *s.* Jas. M. and Ravena (Wilson) W.; reared on farm; *m.* Ethel Carroll, June 28, 1916; *c.* Doris C., Jas. Manning. B.Sc., Miss. A. & M. Coll., 1914.

Walker, Harry Bruce, prof. agrl. engin., Kans. State Agr. Coll., Manhattan, Kans.

Drainage and irrig. engin., Kans. State Agr. Coll., 1910-7; ext. engin., 1919-21; prof. agrl. engin., 1921-. Pres. Amer. Soc. Agrl. Engin., 1925; engin., Kans. Water Comn., 1917-. Capt. Engin., U. S. Army, 1917-9. —*b.* Macomb, Ill., Apr. 13, 1884; *s.* Henry Boyd and Margaret (Yeast) W.; reared on farm; *m.* Coralie Harris, Sept. 11, 1912; *c.* Mary Margaret, Boyd Wallace. B.S., Ia. State Coll., 1910; C.E., 1920. Delta Tau Delta; Tau Beta Pi; Phi Kappa Phi; Gamma Sigma Delta; Sigma Tau.

Walker, James Thomas, instr. voc. agr. and princ. high-sch., Bolivar, O.

Instr. voc. agr., high-sch., Minerva, O., 1920-4; present position, 1924-. Pres. O. Teachers of Voc. Agr., 1923-4. Served in Marine Corps, A. E. F.; 2d Lieut. O. R. C. —*b.* Zanesville, O., Feb. 15, 1894; *s.* Edward Vinton and Ellen Mary (Gates) W.; reared on farm; *m.* Helen O'Neill, Nov. 3, 1919; *c.* Lucile Mary. B.S.A., Ohio State Univ., 1920.

Walker, John Charles, plant path., U. S. Dept. Agr. and asst. prof. plant path., Univ. Wis., Madison, Wis.

Asst. plant path., Univ. Wis., 1914-7; instr., 1919; asst. prof., 1919-21, 1924-; sci. asst., Off. Cotton, Truck and Forage Crop Disease Invests., U. S. Dept. Agr., 1917-9; asst. path., 1919-20; path., 1920-. Traveled in Europe, 1922. —*b.* Racine, Wis., July 6, 1893; *s.* Samuel B. and Alice E. (Davis) W.; reared on farm; *m.* Edna M. Dixon, Aug. 11, 1920; *c.* John Wm. B.S.A., Univ. Wis., 1914; M.S., 1915; Ph.D., 1918. Sigma Xi; Alpha Gamma Rho; Alpha Zeta; Gamma Alpha; Phi Sigma.

Walker, Lee Roy, co. agrl. agt., Marquette, Mich.

Teach. rural schs., 1899-1900; princ. schs., Mecosta, Mich., 1904-7; supt. schs., Muskegon Heights, 1907-13; agt. Marquette Co., 1915-. —*b.* Imlay City, Mich., Jan. 15, 1880; *s.* Lyman R. and Margaret (Bell) W.; reared on farm;

m. Edna Blanche Wright, Aug. 23, 1906; *c.* Margaret Jane. B.S., Mich. Agr. Coll., 1915.

Walker, Lucius Marshall Jr., co. agrl. agt., King George C. H., Va.

b. Ivy Depot, Va., Feb. 14, 1896; *s.* Lucius Marsh and Maude (Waddell) W.; reared on farm. Grad. Va. Poly. Inst., 2-yr. course.

Walker, Paul, farmer, Palestine, Ill.

Instr. voc. agr., high-sch., Palestine, Ill., 1923-4; manag. feeding serv. dept., Alfocorn Milling Co., St. Louis, Mo., 1924; territorial rep. Ralston Purina Co., St. Louis, 1925; ext. rep., Nicholls Grain and Milling Co., Los Angeles, 1926. Served in Tank Corps, U. S. Army, 1917-8. —*b.* Palestine, Ill., Jan. 25, 1900; *s.* Virgil and Belle (Wesner) W.; reared on farm. B.S.A., Univ. Ill., 1921; M.S., Cornell Univ., 1923. Pi Kappa Phi.

Walker, Seth Stetson, chem., Fla. Citrus Exchange, Tampa, Fla.

Asst. chem., Purdue Univ., 1909-10; asst. chem., Rubber Regenerating Co., 1910-2; asst. chem., Fla. Exp. Sta., 1912-5; assoc. chem., 1915-7; chem., Fla. Fruit Products Co., 1917-8; soil chem., La. Exp. Sta., 1918-20; present position, 1920-. (Citrus fruit fertilizers and by-products). —*b.* Orleans, Ind., Jan. 26, 1886; *s.* Edward Preston and Hannah Frances (Grey) W.; reared in country town; *m.* Ethel May Hamlin, Sept. 28, 1910; *c.* Helen Mary. B.S., John B. Stetson Univ., 1907; B.S., Univ. Chicago, 1907; M.S., 1909. Phi Kappa Delta.

Walker, William Henry, farmer and physician, Willows, Calif.

Pres. Glenn Co. Farm Bur.; pres. Calif. Farm Bur. Fed.; mem. exec. com., Amer. Farm Bur. Fed. —*b.* Brushcreek, Ia., Nov. 23, 1870; *s.* Ransom and Mary Elizabeth (Cable) W.; reared on farm; *m.* Minnie Agnes McLaughlin, 1896; *c.* Dean M., Leona, Ralph, Margaret. B.S., N. Ind. Univ., 1894; M.D., Rush Med., 1900.

Walkley, Fred Rosman, farmer, Castile, N. Y.

Teach. agr., high-sch., Castile, N. Y., 1917-8; asst. co. agt. Cayuga Co., 1918-9; agrl. agt. Madison Co., 1920-3. Lect. farmers insts. —*b.* LeRoy, N. Y., May 18, 1895; *s.* Frank L. and Carrie E. (Coe) W.; reared on farm; *m.* Doris Aldrich, June 1918; *c.* Glen Evelyn, Frank Aldrich, Betty Jane. B.S., Cornell Univ., 1917. Kappa Delta Rho.

Wall, Clarence Henry, instr. rural engin., State Sch. Agr., Delhi, N. Y.

Farmer, Savona, N. Y., 1906-14, with G. F. Warren, Ithaca, 1914-6; farm supt. and instr., State Sch. Agr., Delhi, 1916-8; present position, 1918-. —*b.* Elmira, N. Y., Aug. 18, 1888; *s.* T. Claude and Eliza J. (Smith) W.; reared in village; *m.* Clara K. Adams, Oct. 16, 1915; *c.* Herbert A., Claude G. Student Cornell Univ.

Wallace, Daniel Alden, ed. The Farmer, St. Paul, Minn.

Farmer, N. Minn., 1902-5; directing ed. The Farmer, 1905-; The Farmers Wife, 1920-. Dir. Nat. Council Marketing Assoc.; mem. Lowden Grain Marketing Com.; trustee Inst. of Coop.; mem. Minn. Econ. and Efficiency Comn.; State Food Comn. —*b.* Winterset, Ia., Dec. 23, 1878; *s.* Henry and Nannie (Cantwell) W.; reared in small town; *m.* Adele Snyder, June 6, 1902; 2d, Grace V. Ronhan, Dec. 23, 1920. B.S.A., Ia. State Coll., 1901. Phi Gamma Delta.

Wallace, Errett, plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. W. Gore, N. S., June 4, 1877 (naturalized 1912); *s.* Josiah and Ermina (Stevens) W.; reared on farm; *m.* Lillian Armstrong, 1914; *c.* John Armstrong. B.S.A., Cornell Univ., 1908; M.S.A., 1909; Ph.D., 1911. Sigma Xi.

Wallace, Glenn Frederick, agrl. agt. Mo. Pacific Ry., 1662 Railway Exchange, St. Louis, Mo.

Co. agrl. agt., Ark., 1918-21; marketing specialist ext., Univ. Ark., 1922-3. —*b.* Eureka, Kans., Sept. 6, 1893; *s.* L. W. and Effie (McMillen) W.; reared on farm; *m.* Mary Alice Wilcox,

1917; *c.* Winifred Lou Jane. B.S., Kans. State Agr. Coll., 1916. Phi Kappa Phi.

Wallace, Henry A., ed. Wallaces' Farmer, Des Moines, Ia.

Statistical adv. to comn. on cost of producing hogs, U. S. Food Adminis. Studied agr. in Europe, 1912. *Auth.*: Agricultural Prices, 1920; Corn and Corn Growing, 1923. (Corn breeding). —*b.* Adair Co., Ia., Oct. 7, 1888; *s.* Henry C. and May (Brodhead) W.; reared on farm and in city; *m.* Ilo Browne, May 20, 1914; *c.* Henry B., Robt. B. B.S., Ia. State Coll., 1910.

Wallace, Henry C., ed. Wallaces' Farmer, Des Moines, Ia.; May 11, 1866-Oct. 25, 1924. See Rus 1920.

Wallace, Maude Emma, asst. state home dem. agt., N. C. State Coll., Raleigh, N. C.

Teach. Grand Prairie Sem., Onarga, Ill., 2 yrs.; Christian Coll., Columbia Mo., 1 yr.; chg. home econ. in public schs., Miami, Fla., 2 yrs. Pres. N. C. Home Econ. Assoc., 1924-5; sec.-treas. S. Home Econ. Assoc., 1922-3. —*b.* Pontiac, Ill.; *d.* John and Isabelle (Hicks) W.; reared on farm. Grad. Lewis Inst., Chicago. Kappa Phi Delta.

Wallace, Robert Clarence Edwin, prof. agron., Purdue Univ., LaFayette, Ind.

Asst. soils, Ohio Exp. Sta., 1906-12; present position, 1912-. —*b.* Wooster, O., Feb. 5, 1875; *s.* Robt. Anderson and Sarah Ellen (Bracken) W.; reared on farm; *m.* Mabel Fellows, Oct. 28, 1908; *c.* Robt. Emerson. B.S.A., Ohio State Univ., 1906. Alpha Gamma Rho.

Wallace, Roscoe W., co. agrl. agt., Chillicothe, O.

b. New Carlisle, O., Aug. 26, 1898; *s.* Wm. C. and Grace (Wise) W.; reared on farm; *m.* Minona E. Bauer, June 15, 1925. B.S.A., Ohio State Univ., 1923. Delta Theta Sigma; Acacia.

Wallace, William D., teach. agr. and supt. schs., Morley, Mich.

Supt. schs., Ewen, Mich., 1909-23; Byron, 1923-4; Morley, 1924-. Mast electrician, and chief instr. U. S. Army Aviation Sch., 1917-9. —*b.* Mt. Pleasant, Mich., Mar. 5, 1889; *s.* Wm. and Sarah (House) W; reared on farm. B.S., Mich. Agr. Coll., 1923. Sigma Upsilon Psi.

Waller, Allen George, assoc. agrl. econ., U. S. Dept. Agr. and specialist in farm manag. res., N. J. Agr. Exp. Sta., New Brunswick, N. J.

Asst. specialist agron., N. J. State Agr. Coll., 1916-7; specialist farm manag. res., N. J. Exp. Sta., 1919-; assoc. agrl. econ., U. S. Dept. Agr., 1924-. Served in U. S. Army, 1917-9. —*b.* Seneca Falls, N. Y., Sept. 20, 1892; *s.* Geo. A. and Annie (Alfen) B.; reared on farm and in town; *m.* Constance Stout, 1920. B.Sc., Rutgers Univ., 1915; M.Sc., 1919.

Waller, Osmar Lysander, prof. and head dept. civil engin. and vice-pres. Wash. State Coll., Pullman, Wash.

Supt. public schs., Dexter, Mich., 1884-6, 1887-90; supt. city schs., Colfax, Wash., 1890-3; prof. math. and civil engin., Wash. State Coll., 1893-; vice-pres., 1909-. Expert in irrig., U. S. Dept. Agr., 1900-4; consulting engin. in irrig., Ida. State Bd. Land Comnrs., 1907-8; expert for Twin Falls Land and Water Co., 1912. Chm. Water Code Comn., Wash., 1912; sec. Columbia Basin Comn., 1920; consulting engin., U. S. Reclamation Serv., 1925. (Irrig. engin.). —*b.* Lykens, O., Nov. 30, 1857; *s.* Stephen and Martha (McKinley) W.; reared on farm; *m.* Mary Belle Brown, Aug. 14, 1885; *c.* Anna, Gladys, Florence. Ph.B., Hillsdale Coll., 1883; Ph.M., 1887; admitted to Mich. Bar, 1886, Wash. Bar, 1890. Sigma Tau; Tau Beta Pi; Phi Kappa Phi; Delta Tau Delta.

Walls, Edgar Perkins, co. agrl. agt., Easton, Md.

Asst. agron., Md. Exp. Sta., 1903-5; asst. prof. bot. and plant path., 1908-9; prof. hort., St. Lawrence Univ., 1909-10; instr. bot. and plant path., Ore. Agr. Coll., 1910-4; agt. Talbot Co., Md., 1914-; special agt., Bur. Chem., summers 1907-9. (Farm manag., agron.). —*b.* Barclay, Md., Sept. 3, 1882; *s.* David and Mary Augusta (Perkins) W.; reared on farm; *m.* Olive Shreve

Kimberlin, Dec. 19, 1909. B.S., Md. Agr. Coll., 1903; M.S., 1905; student Johns Hopkins Univ., 1905-6.

Walrath, Edgar Kinney, co. agrl. agt., Ellicott City, Md.

With U. S. Dairy Exp. Sta., Beltsville, Md., 2 yrs. Served in U. S. Army, 1917-9. (Agrl. econ.). —*b.* Bellows Falls, Vt., Aug. 30, 1897; *s.* Everton S. and Clarissa E. (Kinney) W.; reared on farm and in town. B.Sc., Univ. Md., 1924. Delta Psi Omega; Alpha Zeta.

Walster, Harlow Leslie, dean Sch. Agr., agron., N. D. Exp. Sta., dir. N. D. Soil Survey, Agricultural College, N. D.

Asst. soils, Univ. Wis., 1908-9; instr., 1909-12; asst. prof., 1913-9. *Auth.:* (with Whitson) Soils and Soil Fertility, 1912. (Physiol. of farm crops). —*b.* Troy, Wis., Apr. 20, 1883; *s.* Geo. Albert and Mary E. (Stelzman) W.; reared on farm. B.S.A., Univ. Wis., 1908; M.A., Harvard Univ., 1913; Ph.D., Univ. Chicago, 1918. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Phi Lambda Upsilon; Gamma Alpha; Alpha Gamma Rho.

Walter, Elmer V., asst. ent. U. S. Dept. Agr., Tempe, Ariz.

Asst. ent., Ia. Exp. Sta., 1917; special field agt., Ia. State Coll. and U. S. Dept. Agr., 1917-9. —*b.* Bentonsport, Ia., Feb. 13, 1891; *s.* Geo. I. and Mary (Stadler) W.; reared on farm; *m.* Jessie Roberts, Feb. 2, 1916; *c.* Roberta Georgia. B.S., Ia. State Coll., 1916.

Walters, Leonard Alvin, co. agrl. agt., Independence, Ia.

Dir. agr., Columbia Coll., Dubuque, Ia., 1920; Lake City, Minn., 1920-1; co. club leader Woodbury Co., Ia., 1921-2; agrl. agt. Buckanan Co., Ia., 1922-. —*b.* Tipton, Ia., July 2, 1896; *s.* John P. and Mary E. (Smith) W.; reared on farm; *m.* Helen Elliott, Aug. 29, 1922. B.S., Ia. State Coll., 1920. Alpha Tau Omega.

Walton, Richard C., assoc. prof. plant path., Penn. State Coll., Arendtsville, Pa.

Instr. plant path., Penn. State Coll., 1918-9; asst. prof., 1919-23; assoc. prof., 1919-. —*b.* Toughkenamon, Pa., Aug. 20, 1886; *s.* Chandler B. and Eva (Chambers) W.; reared in village; *m.* Lucile Orr, Nov. 24, 1915; *c.* Richard C. Jr., Dorothy O. B.S., Penn. State Coll., 1911; M.S., 1921. Delta Upsilon; Delta Theta Sigma; Phi Kappa Phi.

Walton, William Marshall, hort., La-Porte, Ind.

Pres. Orchard Development Co., La Porte and Rochester, Ind., 1913-20. Pres. Ind. Hort. Soc., 1915-6; pres. Ind. Fruit Growers Assoc., 1919; mem. exec. com., Intern. Apple Show, 1919-20; mem. exec. bd. Ind. Hort. Soc., 1917-20. —*b.* LaPorte, Ind., Jan. 2, 1886; *s.* Wm. M. and Anna Elizabeth (Polly) W.; reared in city and on farm; *m.* Marguerite L. Wright, Sept. 16, 1913; *c.* Mary Margaret, Wm. Marshall III. Grad. Purdue Univ., 1910. Sigma Nu; Beta Zeta.

Walton, William Randolph, ent., cereal and forage insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Artist and specialist, Div. Econ. Zool., Harrisburg, Pa., 1906-10; ent. asst., Bur. Ent., 1910-6; present position, 1916-. Pres. Ent. Soc. Washington. —*b.* Brooklyn, N. Y., Sept. 23, 1873; *s.* Walter and Susan (Macardell) W.; reared in city and country; *m.* Mary Agnes Becher, June 9, 1904; *c.* Walter F., Margaret, Wm. R. Jr., Henry V., John M.

Waltz, Raymond G., co. agrl. agt., Norristown, Pa.

Teach. public schs., 1911-4. Served in Inf., U. S. Army, 1917-9. (Dairy husb.). —*b.* Montoursville, Pa., Apr. 20, 1892; *s.* Chas. W. and Annie (Irion) W.; reared on farm. B.S., Penn. State Coll., 1920. Alpha Gamma Rho.

Walworth, Edward Harvey, co. agrl. agt., 300 E. Main St., Decatur, Ill.

Asst. agron., Univ. Ill., 1913-6; instr., 1916-8; co. agrl. agt., Martinsville, Ill., 1918-22; Decatur, 1922-. —*b.* Mazon, Ill., Nov. 13, 1888; *s.* E. Willard and Estelle S. (Dewey) W.; reared on farm; *m.* Frances Hinds, Oct. 24, 1913;

c. Lois Nelle, Willard Hinds, Bryant Leonidas, Margaret Frances, Earl Harvey, Maurice Carlyle. B.S., Univ. Ill., 1913; M.S., 1917. Sigma Xi.

Warber, Gustav Paul, assoc. prof. marketing, Univ. Tenn., Knoxville, Tenn.

Formerly specialist in marketing farm products, Bur. Markets, U. S. Dept. Agr.; exec. sec. Nat. Fed. of Milk Producers, Washington, D. C., 1920-1; agrl. econ., Va. Poly. Inst., 1921-3; present position, 1923-. —*b.* Minn., Aug. 17, 1886; *s.* Henry and Sophia (Vihstadt) W.; reared on farm. B.S.A., Univ. Minn., 1913; M.A., 1914.

Warburton, Clyde William, dir. ext. work, U. S. Dept. Agr., Washington, D. C.

Agron., Off. Farm Manag., 1903-6; agron in chg. oat invests., 1907-10, and 1912-21; agron. in chg. cereal agron. invests., 1921-3, Bur. Plant Ind., all in U. S. Dept. Agr.; present position 1923-. Sec. Amer. Soc. Agron. 1915-9; pres. Amer. Soc. Agron., 1925. *Auth.*: (with A. D. Wilson) Field Crops, 1912. *Ed.* book dept., Webb Pub. Co., and assoc. ed. The Farmer, 1911-2; ed. Journal Amer. Soc. Agron., 1914-21. —*b.* Independence, Ia., Dec. 7, 1879; *s.* Wm. H. and Ellen (Irvine) W.; reared on farm; *m.* Anne E. Draper, Oct. 16, 1907. B.S.A., Ia. State Coll., 1902. Beta Theta Pi; Phi Kappa Phi; Gamma Sigma Delta.

Ward, Albert Henry, manag. Wapsie Valley Hatchery, Independence, Ia.

Ext. poultryman in Ia., Bur. An. Ind., U. S. Dept. Agr., 1918; asst. ext. prof. poultry, Ia. State Coll., 1918-20; present position, 1920-. 2d Lieut. Field Art., U. S. Army. —*b.* Chicago, Ill., Apr. 23, 1895; *s.* Josiah and Agnes (Greig) W.; reared in town; *m.* Beulah Tibbetts, Aug. 31, 1919. B.S., Ia. State Coll., 1918. Gamma Sigma Delta.

Ward, Archibald Robinson, asst. chief dairy res. div., Frederick C. Mathews Co., 685 Mullett St., Detroit, Mich.

Asst. dairy bact., Cornell Univ., 1898-1901; instr. and asst. prof. bact., Univ. Calif., 1901-10; dean Coll. Vet. Sci. and chief vet. Bur. Agr., Univ. Philippines, 1910-4; sr. path. and chief path. div., Bur. An. Ind., U. S. Dept. Agr., 1914-8; present position, 1918-. Mem. Calif. State Vet. Examining Bd., 1908-10; pres. Philippine Vet. Examining Bd., 1912-4. Traveled around the world. *Auth.*: Pure Milk and the Public Health, 1909; (with B. A. Gallagher) Diseases of Domesticated Birds, 1919. *Assoc. ed.*, Philippine Agricultural Journal, 1910-4. —*b.* Ithaca, N. Y., Sept. 12, 1875; *s.* Albert R. and Henrietta (Robinson) W.; reared in town; *m.* Flora Lillian Pinkham, 1914 (d. 1915); 2d Augusta Wolfe Russell, July 25, 1917; *c.* Alice Russell. B.S.A., Cornell Univ., 1898; D.V.M., 1910. Sigma Xi; Kappa Sigma.

Ward, Arland Langdon, ext. swine husb., Tex. A. & M. Coll., College Station, Tex.

Manag. stock farm and cotton plantation, 1910-7. Sec. Tex. Swine Breeders Assoc. Major Field Art., U. S. Army, 1917-9. —*b.* Houston, Tex., June 22, 1885; *s.* Wm. M. and Minnie (McGowan) W.; reared on farm and in city; *m.* Vara Court, June 7, 1911; *c.* Margaret, Eleanor Ann, Arland Jr., Robt. Court. B.S., Tex. A. & M. Coll., 1910.

Ward, Don D., farm bur. manag., Syracuse, N. Y.

Sci. asst. div. pom., U. S. Dept. Agr., 1912-6; market insp. fruits and vegetables, U. S. Bur. Markets, 1917; co. agt., Exeter, N. H., 1918-20. —*b.* S. Danby, N. Y., May 15, 1887; *s.* T. S. and Flora (Dowe) W.; reared on farm; *m.* Nellie A. Matthews, July 15, 1912; *c.* Dorothy Lois, Barbara Jeanette, Don D. Jr. B.S.A., Cornell Univ., 1912.

Ward, Florence Elizabeth, in chg. ext. work in agr. and home econ., Eastern Div., U. S. Dept. Agr., Washington, D. C.

Chg. kindergarten training dept., Ia. State Teach. Coll., 1906-14; prof. voc. educ., Wash. State Coll., 1914-5; in chg. ext. work with women, U. S. Dept. Agr., 1915-23; in chg. ext. in agr. and home econ., E. Div., 1923-. Traveled in Europe to invest. schools. *Auth.*: Montessori Method and the American

School, 1912. Contr. to Book of Rural Life. *Ed.*, Kindergarten Magazine, 1904-5. —*b.* Mauston, Wis.; *d.* Lemuel J. and Elizabeth (Harrington) W.; reared on farm. Grad. Nat. Kindergarten and Elementary Coll., Chicago, 1903.

Ward, Harold S., co. club agt., 203 Old Court House, Cleveland, O.

Instr. high-sch., Huntington, Pa., 1916-7; club agt. Morris Co., N. J., 1920-3; Cuyahoga Co., O., 1924-. Sergeant Ordnance Corps, U. S. Army, 1917-9. —*b.* Bellefonte, Pa., Jan. 14, 1894; *s.* J. Edward and Isabel (Stiver) W.; reared in town; *m.* Irene Elizabeth Barnhart, June 4, 1919; *c.* Sarah Steel. B.S., Penn. State Coll., 1916. Alpha Chi Rho.

Ward, Verne Elisha, instr. agr. and supt. schs., Colon, Mich.

Instr. agr., high-sch., Colon, 1920-1; instr. and supt. schs., 1921-. Served in U. S. Army, 1918. —*b.* Moscow Plains, Mich.; *s.* Clinton Fatello and Jennie Amelia (Mumford) W.; reared in town and country; *m.* Edwina Faxon, Dec. 26, 1921; *c.* Marcia Frances. B.S., Mich. Agr. Coll., 1920.

Ward, Walter Gilling, prof. rural engin., Kans. State Agr. Coll., Manhattan, Kans.

Instr. drawing, Mich. Agr. Coll., 1912-4; asst. prof. arch., N. D. Agr. Coll., 1914-20; ext. arch., Kans. State Agr. Coll., 1920-. —*b.* Galva, Ia., Mar. 28, 1887; *s.* John Wm. and Addie (Gilling) W.; reared on farm; *m.* Iva Mae Sell, June 25, 1913; *c.* Leland Chester, Arlin Bruce, Wilma Louise. B.S., Kans. State Agr. Coll., 1912; Arch., 1922. Sigma Tau.

Ward, Willard Boise, asst. prof. hort., Ia. State Coll., Ames, Ia.

2d Lieut. Air Serv., U. S. Army, 1917-9. —*b.* Alexandria, Ind., Apr. 11, 1894; *s.* Ed. C. and Gertrude L. (Meyer) W.; reared on farm; *m.* Gertrude M. Lahr, May 12, 1918; *c.* Marjorie J., Roberta L., Richard C. B.S., Purdue Univ.

Wardall, Ruth Aimee, prof. home econ., Univ. Ill., Urbana, Ill.

Prof. and head dept. home econ., S. D. State Coll., 1903-6; Ohio State Univ., 1907-13; Univ. Ia., 1913-21; Univ. Ill., 1921-. Traveled in Europe. *Auth.*: (with Edna N. White) A Study of Foods, 1914; (with C. W. Taber) Economics of the Family, 1923. —*b.* Tolono, Ill.; *d.* X. L. and Emma (Sawyer) W.; reared in town. A.B., Univ. Ill., 1903; A.M., 1907; student Yale Univ., 1917-8. Pi Beta Phi.

Warden, Albert Walter, co. agrl. agt., Scobey, Mont.

b. Melbourne, Ia., Feb. 14, 1893; *s.* Robt. Nelson and Laura (McKean) W.; reared on farm; *m.* Fae Bagley, Nov. 29, 1917; *c.* Harriet Delight. B.S., Mont. State Coll., 1922. Gamma Sigma Delta.

Ware, Jacob Osburn, asst. prof. agron., Univ. Ark., Fayetteville, Ark.

Instr. agron., N. C. State Coll., 1916-8; present position, 1920-. Served in U. S. Army, 1918. (Cotton). —*b.* Kings Mt., N. C., Jan. 29, 1888; *s.* Wm. and Virginia (Beam) W.; reared on farm. B.S., N. C. State Coll., 1916; M.S., 1918; student Cornell Univ.

Ware, Josiah William, co. agrl. agt., Alamogordo, N. Mex.

Farmer, Pecos Valley, N. Mex., 1904-8; co. orchard insp., Chaves Co., 1908-10; manag. fruit plantation, Rogue River Valley, Ore., 1910-2; manag. Grand Haven Orchards, Roswell, N. Mex., 1912-5; farmer, Dexter, 1916-8; agt. Otero Co., 1920-. Vice-pres. Farm Bur., Dexter, 1916. —*b.* Chicago, Ill., July 12, 1884; *s.* Robt. M. and Caroline (Waughop) W.; reared in town; *m.* Ruth Downing, June 25, 1924. Student Univ. Ill., 2 yrs. Beta Theta Pi.

Warner, David Edmond Jr., asst. prof. poultry husb., Conn. Agr. Coll., Storrs, Conn.

Asst. instr. poultry, Penn. State Coll., 1912-3; instr., 1913-4; instr. poultry, Conn. Agr. Coll., 1914-9; asst. prof., 1919-. —*b.* Bridgeton, R. I., Sept. 20, 1883; *s.* David E. and Czrina (Taft) W.; reared on farm; *m.* Eleanor Edmonds Gould, Feb. 12, 1913; *c.*

David E. III, Elizabeth Taft. B.S.A., R. I. State Coll., 1912. Theta Chi.

Warner, Frank E., farmer, S. Haven, Mich.

Pres. S. Haven Fruit Exchange; vice-pres. and manag. S. Haven Fruit Assoc.; pres. S. Haven and Casco Pom. Soc.; mem. co. bd. dirs., Mich. State Farm Bur. (Apples). —*b.* Fulton Co., N. Y., Feb. 5, 1858; *s.* Anson and Olive (Mead) W.

Warner, Harry William, ext. assoc. prof. soils, Ia. State Coll., Ames, Ia.

Soil surveyor, Ia. Exp. Sta., 1917, 1919. 2d Lieut. Air Service, U. S. Army, 1917-9. —*b.* De Smet, S. D., May 16, 1894; *s.* W. E. and Harriet (Morrison) W.; reared on farm and in town; *m.* Nellie Rowe, Sept. 18, 1920; *c.* Wm. Row, Robt. Keith. B.S., S. D. State Coll.; M.S., Ia. State Coll., 1917. Alpha Gamma Rho; Gamma Sigma Delta; Alpha Zeta.

Warner, John Willits, co. agrl. agt., Indiana, Pa.

Manag. Ellenwood Farm, Hatboro, Pa., 1913-4; superv. agr., Elders Ridge Voc. Sch., 1914-8; present position, 1918-. —*b.* Pennsdale, Pa., Feb. 28, 1890; *s.* Henry E. and Annie (Ecroyd) W.; reared on farm; *m.* Mildred M. Kimmel, June 28, 1916; *c.* Edwin K., John W. Jr., Richard E., Barbara Anne. B.S., Penn. State Coll., 1913. Phi Kappa Phi; Pi Kappa Alpha.

Warner, Kenneth Fisher, assoc. an. husb., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Instr. an. husb., Univ. Minn., 1912-5; asst. prof an. husb. ext., Univ. Neb., 1915-21; present position, 1921-. —*b.* Roca, Neb., Sept. 10, 1891; *s.* A. G. and Cora (Fisher) W.; reared in city and country. A.B., Univ. Neb., 1912; M.S., Univ. Minn., 1915. Alpha Zeta.

Warren, Alfred, co. agrl. agt., Ft. Pierce, Fla.

Agt. St. Lucie Co., Fla., 1916-. —*b.* Zweisimmen, Switzerland, Sept. 25, 1877 (naturalized as minor); *s.* Christian and Sussanna Katherine (Stern) W.; reared on farm and in city; *m.* Ethel D. Wolfe, Dec. 27, 1911; *c.* Howard Alfred, Edna Louise. B.S., Damascus Acad., Damascus, O., 1901; A.B., Earlham Coll., Richmond, Ind., 1904; M.S., Univ. Hawaii, Honolulu, 1914; M.S.E., Univ. Calif., 1916.

Warren, Daniel Edwin, co. agrl. agt., Oregon, Ill.

Field accountant farm manag. invests., Univ. Ill., 1917-8; asst. farm adv. Lee Co., Ill., 1918-23. —*b.* Belvidere, Ill., Feb. 11, 1887; *s.* Edwin W. and Stella E. (Foote) W.; reared on farm; *m.* Eleanor S. Peterson, July 14, 1918. B.S., Univ. Ill., 1917. Alpha Zeta.

Warren, Dow C., assoc. prof. poultry husb., Kans. State Agr. Coll., Manhattan, Kans.

Sci. asst., Carnegie Inst., Washington, 1914-6; asst. ent., Ala. Agr. Exp. Sta., 1917-8; asst. ent., Ga. State Bd. Ent., 1918-21; present position, 1923-. (Poultry genetics). —*b.* Saratoga, Ind., July 16, 1890; *s.* Wm. R. and Sarah E. (Kemp) W.; reared on farm; *m.* Elmira Shierling, Feb. 12, 1910; *c.* Alice E. A.B., Ind. Univ., 1914; A.M., 1917; Ph.D., Columbia Univ., 1923. Sigma Xi.

Warren, George Frederick, prof. agrl. econ. and farm manag., Cornell Univ., Ithaca, N. Y.

Princ. and supt. schs., Neb., 1897-1903; hort., N. J. Exp. Sta., 1905-6; asst. prof. agron., Cornell Univ., 1906-7; asst. prof. farm crops, 1907-9; prof. farm manag., 1910-9; prof. agrl. econ. and farm manag., 1919-. Farmer, 1906-. *Auth.*: Elements of Agriculture, 1909; Laboratory Exercises in Farm Management, 1910; Farm Management, 1913; (with Eckles) Dairy Farming, 1916; The Agricultural Situation (with Pearson), 1924. —*b.* Harvard, Neb., Feb. 16, 1874; s. Geo. F. and Julia C. (Stanley) W.; reared on farm; *m.* Mary Whitson, June 21, 1906; *c.* Stanley Whitson, Jean, Richard, Geo. Frederick, Martha, Mary. B.Sc., Univ. Neb., 1897; B.S.A., Cornell Univ., 1903; M.S.A., 1904; Ph.D., 1905. Sigma Xi; Gamma Alpha; Phi Kappa Phi.

Warren, Gertrude L., home econ., specialist boys' and girls' club organization, Ext. Serv., U. S. Dept. Agr., Washington, D. C.

Teach. public schs., 1906-13; instr. household arts, Teach. Coll., Columbia Univ., 1915-6, summers, 1916-7; instr. household arts, Simmons Coll., 1916-7; present position, 1917-. Contr. to Book of Rural Life. —*b.* Lockport, N. Y., Nov. 17, 1884; *d.* John H. and Lily (Andrews) W.; reared in town and country. B.S., Teach. Coll., Columbia Univ., 1916; M.A., 1925.

Warwick, Bruce Lester, agt. in an. husb., U. S. Dept. Agr. and Wis. Agr. Exp. Sta., Madison, Wis.

Breeder pure-bred Shropshire and Merino sheep, 1909-16, 1920-1; asst. vet. sci., Univ. Wis., 1921-3; present position, 1923-. In Med. Reserve Corps, U. S. Army, 1916-9. —*b.* Aledo, Ill., Dec. 17, 1893; *s.* Jas. A. and Kate (Black) W.; reared on farm; *m.* Florence Hogle, Sept. 16, 1918. D.V.M., Ia. State Coll., 1919; M.S., Univ. Wis., 1922. Sigma Xi; Phi Sigma.

Wascher, Frederick William, co. agrl. agt., Effingham, Ill.

With State Soil Survey, Ill. Exp. Sta., 1909-20; live-stock farmer, Ewing, Mo., 1920-3; agrl. agt. Effingham Co., Ill., 1923-. Dir. Farmers Elevator and Livestock Shipping Assoc., Ewing Mo. —*b.* Champaign, Ill., Jan. 26, 1889; *s.* F. M. and Louise (Schnuecke) W.; reared on farm; *m.* Frances Eugenia Leiter, June 24, 1915; *c.* Wm. Eugene. B.S., Univ. Ill., 1911. Alpha Zeta.

Washburn, Frank P., state comnr. agr., Dept. Agr., Augusta, Me.

Mem. Me. House of Representatives, 8 yrs.; house chm. Com. on Agr. Pres. Washington Co. Farm Bur.; deputy, Me. State Grange, 14 yrs.; present position, 1921-. —*b.* Perry, Me., Sept. 5, 1876; *s.* Chas. L. and Mary (Dana) W.; reared on farm; *m.* Minnie Louise Cedarwall, Oct. 1901; *c.* Alice, Marshall, Louise, Lee, Ruth. Student Mass. Agr. Coll. Phi Sigma Kappa.

Washburn, Frederick Leonard, prof. econ. vert. zool., Univ. Minn., University Farm, St. Paul, Minn.

Instr. zool., Univ. Mich., 1887-8; prof. zool. and ent., Ore. Agr. Coll., state biol. and ent. Exp. Sta., 1888-95; prof. biol., Univ. Ore., 1895-1902; prof. ent. and state ent., Univ. Minn., 1902-18; prof. econ. vert. zool., 1918-. Fellow A. A. A. S. Traveled in Europe and S. Sea Isls. —*b.* Brookline, Mass., Apr. 12, 1860; *s.* Nehemiah and Martha (Parmlee) W.; reared on farm and in city; *m.* Frances Wilcox, Dec. 27, 1887; *c.* Martha, Alice. A.B., Harvard Univ., 1882; M.A., 1895.

Washburn, Henry Lord, co. agrl. agt., Santa Cruz, Calif.

Chg. Hewlett dairy ranch, Hollister, Calif., 1915; in chg. orchard, Atascadero, 1916; farm manag. dem., Univ. Calif., 1917. Traveled in Alaska. —*b.* San Jose, Calif., Dec. 19, 1889; *s.* Arthur and Jessica B. (Thompson) W.; reared on farm and in city; *m.* Almada W. Card, Jan. 20, 1917; *c.* Emlen Dorothy. B.S., Univ. Calif., 1915.

Washburn, Raymond Secord, asst. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Farm manag. W. N. Y. Farms Co., 1913; sci., U. S. Dept. Agr., 1914-. Sergeant U. S. Army, 1918-9. —*b.* Alpine, N. Y., Sept. 28, 1887; *s.* Chas. H. and Ella (Secord) W.; reared on farm. B.S., Cornell Univ., 1912.

Washburn, Robert Mann, manufacturing technologist, Intern. Dry Milk Co., Minneapolis, Minn.

Teach. an. and dairy husb., Baron de Hirsch Agr. Sch., 1902-4; asst. prof. dairy husb., Univ. Mo., 1904-5; state dairy and food comnr., Mo., 1905-8; prof. an. and dairy husb., Univ. Vt., 1908-11; formerly prof. dairy husb., Univ. Minn. *Auth.*: Productive Dairying, 1916. —*b.* Monticello, Minn., Sept. 20, 1874; *s.* Edson Dean and Amelia (Wells) W.; reared on farm; *m.* Alice Wiltse, Aug. 1903; *c.* Robt. Carleton, Katherine, Winifred, Harriet. B.Agr., Univ. Minn., 1901; M.S.A., Univ. Mo., 1908. Alpha Zeta.

Washington, John Malachi, co. club agt., 1407 Ninth Ave., Huntington, W. Va.

Princ. colored sch., Seaford, Del., 1902-4; Lewis, 1904-7; Milford, 1907-14; Grafton, W. Va., 1914-9; Berwind, 1919-20; teach. and co. club agt., Huntington, 1920-. Pres. Colored Teach. Assoc. of Del., 1909-11; deputy Boy Scout Comnr., 1922-. —*b.* Steelton, Pa., July 4, 1882; *s.* Albert and Jane Catherine (Jackson) W. (col.); reared in city and on farm; *m.* Josephine Barnett, Aug. 22, 1914; *c.* Russell Barnett, Josephine Davis. A.B., 1923. Alpha Kappa Psi.

Washington, William Harold, assoc. prof. agrl. educ., Clemson Agr. Coll., Clemson College, S. C.

Teach. country sch., Dillon Co., S. C., 1913-4; teach. agr., high-sch., Fairfield, Ia., 1920-2; asst. prof. agrl. educ., Clemson Agr. Coll., 1922-4; assoc. prof., 1924-. Lieut. Field Art., U. S. Army, World War. —*b.* Laurens Co., S. C., July 3, 1893; *s.* Wm. Emery and Mattie A. (Bolt) W.; reared on farm. B.S., Clemson Agr. Coll., 1920; M.S., Ia. State Coll., 1922.

Waters, Henry Jackson, Kans. City Star, Kansas City, Mo.

Asst. sec. Mo. State Bd. Agr., 1886-8; asst. agr., Mo. Exp. Sta., 1886-91; prof. agr. and agrst. Exp. Sta., Penn. State Coll., 1892-5; prof. agr., dean Coll. Agr. and dir. Exp. Sta., Univ. Mo., 1895-1909; pres. Mo. State Bd. Agr., 1908-9; pres. Kans. State Agr. Coll., 1909-17; present position, 1917-. Comnr. from U. S. to Philippine Isls. to report on agrl. and educ. development. Mem. Kans. State Bd. Educ., 1909; Kans. State School Book Comn., 1913. Pres. Soc. Promotion Agrl. Sci., 1914-5; pres. Kans. State Teach. Assoc., 1913; pres. Kans. Council Nat. Defense, 1917; state food adminis. of Kans., 1917; mem. President's Comn. to Fix Price of Wheat, 1917; mem. President's Ind. Council, 1919. *Auth.*: The Essentials of Agriculture, 1915; (with J. D. Elliff) Laboratory Exercises and Home projects in Agriculture, 1919; Elementary Agriculture, 1923; Essentials of the New Agriculture, 1924; contr. to Book of Rural Life. —*b.* Center, Mo., Nov. 23, 1865; *s.* Geo. Washington and Lavinia Jane (Smith) W.; *m.* Margaret Watson, June 3, 1897. B.S.A., Univ. Mo., 1886; LL.D., N. H. A. & M. Coll., 1913, Univ. Mo., 1916; studied Univ. Leipzig and Zurich, 1904-5. Phi Beta Kappa; Sigma Xi; Alpha Zeta; Sigma Delta Chi.

Wathen, George Frank Jr., co. agrl. agt., Loveville, Md.

b. Loveville, Md., Feb. 7, 1875; *s.* Geo. F. and Rosa (Graves) W.; reared on farm.

Watkins, Arthur Kratz, teach. voc. agr., high-sch., Brookhaven, Miss.

Teach. sci., Iberia Acad., 1914-6; prof. sci., S. W. Baptist Coll., Bolivar, Mo., 1916-8; prof. chem., Hedding Coll., Abingdon, Ill., 1918; prof. agron., Miss. A. & M. Coll., 1920-1; prof. agr. and farmer, Voc. Training Sch., Greensboro, Ala., 1922-3; present position, 1924-. Pres. Miss. branch Amer. Poultry Assoc., 1925. (Soil improvement). —*b.* Iberia, Mo., Aug. 28, 1881; *s.* J. B. and Bathonia (McCubbins) W.; reared on farm; *m.* Elizabeth F. Thompson, 1912; *c.* A. K. Jr., Jas. Dudley, Loralie, Mary Elizabeth. B.S.A., Univ. Mo., 1911; A.M., 1912; student Univ. Ill., 1919.

Watkins, Charles Smith, instr. agr., Auburn High-Sch., Riner, Va.

Instr. agr., high-sch., Simpsonville, S. C., 1919-20; princ. S. Charleston Jr. High-Sch., W. Va., 1921-2; instr. agr., high-sch., Williamsburg, Va., 1922-4; instr. agr., Coll. William and Mary, 1923-4; present position, 1924-. Served in U. S. Army, 1918. —*b.* Belton, S. C., Feb. 16, 1898; *s.* Thos. E. and Virginia C. (Smith) W.; reared on farm; *m.* Madeleine Smith, Sept. 7, 1922; *c.* Chas. S. Jr. B.S., Clemson Agr. Coll., 1919.

Watkins, Grace Vida: see Huckett, Grace Watkins.

Watkins, L. Whitney, farmer and fruit-grower, Manchester, Mich.

State Senator, 2 terms; mem. State Bd. Agr.; comnr., State Dept. Agr.; pres. Mich. Live-Stock Breeders and Feeders Assoc.; pres. State Assoc. of Farmers Clubs; pres. Mich. Crop Improvement Assoc.; pres. Jackson Co.

Farm Bur.; dir. Manchester Coop. Shippers Assoc.; vice-pres. Mich. State Fair; dir. W. Mich. State Fair; dir. Peoples Bank, Manchester; dir. Detroit Packing Co. Candidate for Governor, 1912. *Ed.*, Mich. Ornithological Club Bull. —*b.* Norvell, Mich., Aug. 6, 1873; *s.* Lucius D. and Sarah (English) W.; reared on farm; *m.* Grace Edith Alley; *c.* Denison, Catherine, Douglas, Merrit. B.S., Mich. Agr. Coll., 1893.

Watkins, S. L., seedsman and nurseryman, Grizzly Flats, Calif.; Aug. 24, 1865-Aug. 8, 1920. See Rus 1920.

Watrud, Hjalmar Oliver, co. agrl. agt., Decorah, Ia.

Farm manag. dem. for U. S. Dept. Agr. and Univ. Wis., 1914-7; farm labor specialist, U. S. Dept. Agr. and Univ. Wyo., 1917. —*b.* near Blanchardville, Wis., Mar. 25, 1885; *s.* Martin J. and Christina Augusta (Gilbertson) W.; reared on farm; *m.* Amelia Christina Wang, June 12, 1918. B.S.A., Univ. Wis., 1913; M.S., 1914.

Watson, Claude U., co. agrl. agt., Bedford, Ind.

2d Lieut., U. S. Army, World War, 11 mos. (Olericulture). —*b.* Clay Co., Ind., Apr. 29, 1892; *s.* I. A. and Margaret Anne W.; reared on farm; *m.* Eva E. Moore, July 12, 1919; *c.* Claude Richard, Joe Moore. B.S.A., Purdue Univ., 1917.

Watson, C. T., co. agrl. agt., Lamesa, Tex.

Princ. high-sch., 6 yrs.; sec. Lamesa Chamber of Commerce. —*b.* Shreveport, La., Mar. 31, 1890; *s.* P. J. and Mattie Ida (Powell) W.; reared on farm; *m.* Mabel Gideon, Dec. 30, 1914. B.S., E. Tex. Normal Coll.

Watson, James Gray, live-stock ed. New England Homestead, Springfield, Mass., and live-stock sales manag., Brandon, Vt.

Asst. prof. dairy ext., Ia. State Coll., 1913-5; assoc. prof. dairying, Univ. Mo., 1915-6; sec. Ayrshire Breeders Assoc., 1917-21; pres. New England Ayrshire Club, 1924-5. Dir. Nat. Dairy Council. *Ed.*, Ayrshire Quarterly. —*b.* Crosshouse, Scotland, Mar. 14, 1886 (naturalized 1920); *s.* John and Agnes (Gray) W.; reared on farm and in city. B.S., Ia. State Coll., 1913; M.S.A., 1921. Phi Kappa Phi; Delta Sigma Rho; Delta Theta Sigma.

Watson, Joseph Ralph, ent., Fla. Exp. Sta., Gainesville, Fla.

Asst. biol., Western Reserve Univ., 1899-1900; prof. nat. sci., Rochester Coll., Ind., 1902-5; prof. biol., Univ. N. Mex., 1907-11; present position, 1911-. —*b.* Berea, O., Aug. 1, 1874; *s.* David K. and Urania Maria (Parker) W.; reared on farm; *m.* Elizabeth J. Prout, Aug. 28, 1902; *c.* Wilma Ruth, Faith, Muriel. B.Sc., Baldwin Univ., 1897; A.M., Western Reserve Univ., 1899. Phi Kappa Phi.

Watson, Lawrence Orr, path. adv., U. S. Dept. Agr., Florence, S. C.

Asst. chem., Clemson Agr. Coll., 1908-10; field path., S. C. Exp. Sta., 1911-4; asst. path., U. S. Dept. Agr., 1914-6; path. adv., 1916-. —*b.* Ninety Six, S. C., Aug. 28, 1888; *s.* Jas. Dorsey and Virginia (Campbell) W.; reared on farm and in town; *m.* Julia Drake, Nov. 11, 1914; *c.* Lawrence O. Jr., John Drake. B.S., Clemson Agr. Coll., 1908.

Watson, Wayne E., co. agrl. agt., Farmington, Minn.

Teach. high-sch., Herman, Minn., 1 yr., Milaca, 3 yrs.; co. agrl. agt., Foley, 2 yrs. —*b.* Stillwater, Okla., Sept. 25, 1893; *s.* W. A. and C. B. (Ratcliff) W.; reared on farm; *m.* Lucy R. Dayton, Aug. 11, 1915; *c.* Robt. D. B.S., Okla. A. & M. Coll., 1913.

Watts, Ralph L., dean and dir. Sch. Agr. and Exp. Sta., Penn. State Coll., State College, Pa.

Instr. bot. and hort., Tenn. Exp. Sta., 1890-9; lect. farmers insts., 1899-1908; commerical hort., Johnstown, Pa., 1900-8; prof. hort., Penn. State Coll., 1908-12; dean and dir. Sch. Agr. and Exp. Sta., 1912-. Jr. pres. Veg. Growers Assoc. of Amer. *Auth.*: Vegetable Gardening, 1913; The Vegetable Garden, 1915; Vegetable Forcing, 1917; Vegetable Growing Projects, 1922;

Rural Pennsylvania, 1924. *Assoc. ed.*, National Stockman and Farmer. (Veg. gard.). —*b.* Lumber City, Pa., June 5, 1869; *s.* Martin Overholser and Marian Elizabeth (Hoyt) W.; reared on farm; *m.* Hattie Searle, Jan. 1, 1895; *c.* Gilbert Searle, Curtis MacClure, Grace Elizabeth. B.S., Penn. State Coll., 1890; M.S., 1899; D.Agr., Syracuse Univ., 1916. Sigma Pi; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

Waugh, Frank Albert, head div. hort. and prof. lands. gard., Mass. Agr. Coll., Amherst, Mass.

Okla. A. & M. Coll., 1892-5; Univ. Vt., 1895-1902; Mass. Agr. Coll., 1902-. Capt. Sanitary Corps, U. S. Army, 1918-9. *Auth.*: Landscape Gardening, 1898; Plums and Plum Culture, 1899; Fruit Marketing, 1900; Systematic Pomology, 1903; Dwarf Fruit Trees, 1907; American Apple Orchard, 1908; The Landscape Beautiful, 1910; Kemp's Landscape Gardening, 1910; Beginners' Guide to Fruit Growing, 1912; American Peach Orchard, 1913; Rural Improvement, 1914; The Natural Style in Landscape Gardening, 1917; Outdoor Theaters, 1917; Downing's Landscape Gardening, 1921; Textbook of Landscape Gardening, 1922; Country Planning, 1924. —*b.* Sheboygan Falls, Wis., July 8, 1869; *s.* Albert F. and Lana (Biehler) W.; reared on farm; *m.* Alice Vail, 1893; *c.* Dan F., Dorothy, Frederick V., Esther, Albert F., Sidney B. B.Sc., Kans. State Agr. Coll., 1891; M.Sc., 1893. Kappa Sigma.

Wayland, John Walter, prof. hist. and social sci., State Normal Sch., Harrisonburg, Va.

Prof. hist., Bridgewater Coll., 1896-1906; instr. hist., Univ. Va., 1906-9; present position, 1909-. *Auth.*: Paul the Herald of the Cross, 1901; The Twelve Apostles, 1905; Political Opinions of Thomas Jefferson, 1907; The German Element of the Shenandoah Valley, 1907; Sidney Lanier at Rockingham Springs, 1912; A History of Rockingham County, Va., 1912; How to Teach American History, 1914; History Stories for Primary Grades, 1919; Christ as a Teacher, 1919. (Rural sociol.). —*b.* Mt. Jackson, Va., Dec. 8, 1872; *s.* John Wesley and Anna (Kagey) W.; reared on farm; *m.* Mattie Virginia Fry, June 8, 1898; *c.* Francis, Walter. B.A., Bridgewater Coll., 1899; Ph.D., Univ. Va., 1907. Phi Beta Kappa; Delta Sigma Rho.

Wayne, James Gentry, instr. voc. agr., high-sch., Estancia, N. Mex.

Assoc. agrl. ed., Estancia News Herald. 2d Lieut. O.R.C., U. S. Army. (Dairying). —*b.* Alamorgordo, N. Mex., Feb. 11, 1899; *s.* J. T. and Ida (Prude) W.; reared on farm; *m.* Allie R. Gates, Aug. 23, 1924. B.S.A., N. Mex. A. & M. Coll., 1923. Gamma Sigma.

Weatherby, E. C., circulation manag. American Agriculturist, Ithaca, N. Y.

Sec. Tompkins Co. Farm Bur., 1915-7; agrl. agt., Cayuga Co., 1917-20; organization work with G. L. F. Exchange, 1920-3. —*b.* Enfield, N. Y., Sept. 11, 1893; *s.* J. C. and Mary E. (Curry) W.; reared on farm; *m.* Winifred Hadley, Aug. 14, 1917. B.S., Cornell Univ., 1915. Alpha Gamma Rho.

Weaver, David Stathem, assoc. prof. agrl. engin., N. C. State Coll., Raleigh, N. C.

Instr. agrl. engin., Miss. A. & M. Coll., 1920-1; asst. prof., 1921-2; assoc. prof., 1922-3; present position, 1923-. Sergeant, U. S. Army, 1918-9. *Auth.*: Farm Machinery Laboratory Manual, 1922; Farm Mechanics Laboratory Manual, 1923; Farm Shop Work, 1925. —*b.* Westwood, O., June 19, 1896; *s.* Samuel Alvin and Clara (Stathem) W.; reared on farm; *m.* Gertrude Marie Brickman, Oct. 10, 1919; *c.* David Samuel. B.S.A., Ohio State Univ., 1920. Delta Theta Sigma; Kappa Sigma.

Weaver, Earl, prof. dairy husb., Ia. State Coll., Ames, Ia.

Asst. prof. dairy, Univ. Minn., 1917-8; assoc. prof. dairy husb., Ia. State Coll., 1919-22; prof., 1922-. Private U. S. Marine Corps, 1918-9. —*b.* Brazil, Ind., July 27, 1893; *s.* John and Anna M. (Cox) W.; reared on farm; *m.* Helen M. Searles, June 8, 1920;

c. John Searles, Harold Searles. B.S., Okla. A. & M. Coll., 1913; M.S., Ia. State Coll., 1917. Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta; Pi Kappa Alpha.

Weaver, Frederick Pattison, prof. agrl. ext., Penn. State Coll., State College, Pa.

Instr. agrl. chem., Penn. State Coll., 1914-5; prof. agrl. ext., 1915-. —*b.* Dauphin Co., Pa., Nov. 7, 1882; *s.* Philip and Amelia (Daniels) W.; reared on farm; *m.* Marjory Irene Barto, June 7, 1919. B.S., Penn. State Coll., 1914; M.S., Cornell Univ., 1923. Alpha Zeta; Acacia.

Weaver, Gilbert Smith, ext. specialist in an. diseases, S. D. State Coll., Brookings, S. D.

With U. S. Bur. An. Ind., 1908-19; present position, 1919-. (Contagious diseases of live-stock). —*b.* London, O., Mar. 31, 1886; *s.* Joseph and Leuemma (Smith) W.; reared on farm; *m.* Jessie Goodfellow, Oct. 17, 1909. V.S., Ohio State Univ., 1908.

Weaver, Leland Eugene, asst. ext. prof. poultry husb., Cornell Univ., Ithaca, N. Y.

Poultry specialist, Univ. Ky., 1919-20; present position, 1921-. —*b.* Findley Lake, N. Y., Oct. 16, 1888; *s* Henry E. and Roxana H. (Himelein) W.; reared on farm. B.S., Cornell Univ., 1918.

Webb, Alan G., assoc. plant quarantine insp., Fed. Hort. Bd., Arcade Bldg., Seattle, Wash.

b. Wellsboro, Pa., Dec. 5, 1888; *s.* C. W. and Mame (Hastings) W.; reared in town; *m.* Carolyn Ely, Mar. 12, 1912; *c.* Jane Hastings, Wm. Wallace. B.S., Penn. State Coll., 1914.

Webb, Everette Milton, teach. agr., high-sch., Dayton, Wash.

b. Radford, Va., Nov. 2, 1898; *s.* Geo. Everett and Susie (Chumbley) W.; reared on ranch; *m.* Louise Ott, July 6, 1924. B.S.A., Wash. State Coll., 1924.

Webb, J. C., instr. voc. agr., high-sch., Almo, Ky.

Lieut. Officers Reserve Corps, U. S. Army. —*b.* Steelville, Mo., Apr. 18, 1900; *s.* C. C. and Cora (Beezley) W.; reared on farm. B.S., Univ. Mo., 1924.

Webb, Jesse Lee, acting in chg. southern field crop insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

b. Bloomington, Ill., Apr. 9, 1878; *s.* Kelley Scott and Amelie Jane (Platt) W.; reared on farm; *m.* Florence Evans, May 16, 1904; *c.* Delmar Evans. B.S., Wash. State Coll., 1900; M.S., Univ. W. Va., 1902.

Webb, Wesley, sec. State Bd. Agr., Dover, Del.

Prof. agr., Del. Coll., 1882-5; pres. State Coll. for Colored Students, Dover, 1894-9. Sec. Peninsula Hort. Soc., 1888-; vice-pres. Nat. Corn Growers Assoc. for Del.; sec. State Grange of Del.; pres. Amer. Assoc. Farmers Inst. Workers, 1916-7, sec.-treas., 1917-. *Ed.,* Delaware Farm and Home, 1885-96. Farmer in Me. and Del. (Hort.). —*b.* Montville, Me., June 3, 1851; *s.* Samuel Wesley and Mary (Choate) W.; reared on farm; *m.* Mary B. Webb, Oct. 26, 1876; 2d, Mary A. Crouch, Jan. 12, 1887; *c.* Carlisle Allen, Geo. Samuel, Henry Crouch. B.S., Univ. Me., 1875; M.S., 1883.

Webber, Herbert John, prof. subtrop. hort., dir. Citrus Exp. Sta., Univ. Calif., Berkeley, Calif.

Asst. bot., Univ. Neb., 1889-90; asst. bot., Washington Univ., 1890-2; asst. path. and physiology, U. S. Dept. Agr., 1892-7; physiologist in chg. plant-breeding lab., 1897-1907; prof. plant-breeding, Cornell Univ., 1907-13; acting dir. Coll. Agr., 1910-1; dean Grad. Sch. Trop. Agr. and dir. Citrus Exp. Sta., Univ. Calif., 1913-9; dir. Calif. Agr. Exp. Sta., 1919-20; general manag. Pedigree Seed Co., Hartsville, S. C., 1920-1; prof. citriculture, dir. Citrus Exp. Sta., Univ. Calif., 1921-3; acting dean Coll. Agr., 1923-4; present title, 1924-; investigator of citrus, English govt. Pretoria, S. Africa, explorer and plant collector, U. S. Dept. Agr., 1924-5. Fellow A. A. A. S., Amer. Bot. Soc. Chm. plant sect., Amer. Breeders As-

soc., 1906-10; pres. Calif. Avocado Assoc., 1916; pres. Citrus Inst. of Nat. Orange Show, 1919-20. Del to Intern. Conference on Hybridization, London, 1899. (Plant-breeding, seed production). —*b.* Lawton, Mich., Dec. 27, 1865; *s.* John Milton and Rebecca Ann (Bradt) W.; reared on farm; *m.* Lucena Anna Hardin, Sept. 8, 1890; *c.* Eugene Frances, Feronia Ella, Herbert Earl, John Milton. B.Sc., Univ. Neb., 1889; M.A., 1900; Ph.D., Washington Univ., 1900; D.Agr., Univ. Neb., 1913. Sigma Xi; Alpha Zeta; Kappa Delta Rho.

Weber, George Grover, co. agrl. agt., York, Pa.

Princ. high-sch., Snow Shoe, Pa., 1912-4; co. agt., 1917-. —*b.* Helvetia, Pa., Mar. 28, 1889; *s.* Lewis B. and Susannah (Haag) W.; reared on farm. Grad. Cent. State Normal Sch., Lock Haven, Pa., 1912; B.S., Penn. State Coll., 1917; M.S., Ia. State Coll., 1921. Alpha Zeta; Phi Kappa Phi.

Webster, Philip Jenkins, instr. agr., high-sch., Yuba City, Calif.

Present position, 1923-. (An. husb., rural sociol.). —*b.* Mankato, Minn., June 7, 1900; *s.* I. D. and Anna (Jenkins) W.; reared in city and country. B.S., Univ. Calif., 1922; M.S., Univ. Wis., 1923. Alpha Kappa Lambda; Delta Sigma Psi; Phi Delta Kappa.

Webster, Robert Lorenzo, prof. agrl. ent. and ent. Exp. Sta., N. D. Agr. Coll., Agricultural College, N. D.

Asst. ent., Ia. Exp. Sta., 1908-18; present position, 1921-. State bee insp., N. D.; sec. N. D. Beekeepers Assoc. —*b.* LaFayette, Ind., Oct. 4, 1885; *s.* Francis Marion and Antoinette (Potter) W.; *m.* Loretta F. Williams, Dec. 22, 1908; *c.* Robt. Hugh. A.B., Univ. Ill., 1908; Ph.D., Cornell Univ., 1921.

Weed, Howard Evarts, lands. arch. and nurseryman, Beaverton, Ore.

Ent., Miss. Exp. Sta., 1890-7; agrl. agt., Central of Ga. Ry., 1897-1902; lands. arch., N. Y. and Chicago, 1902-11; Ore., 1912-. *Auth.*: Spraying for Profit, 1899; Modern Park Cemeteries, 1912. (Peonies, Iris). —*b.* Lansing, Mich., May 7, 1870; *s.* J. E. and Sarah (Moores) W.; reared in town; *m.* Margaret Simpson; *c.* Wilbur W., Edith, Thurlow. B.S., Mich. Agr. Coll., 1889; M.S., 1890.

Weeks, David P. Jr., assoc. in rural insts., Univ. Calif., Berkeley, Calif.

Invest. work for Neb. State Bd. Irrig., Highways and Drainage, 1912-6; assoc. prof. agrl. engin., Ia. State Coll., 1916-20; chief drainage engin., Dakota Engin. Co., 1920-2; res. assoc., Univ. Calif. and Fed. Land Bank, consulting engin., U. S. Bur. Reclamation and chm. investigating comn., Newlands Reclamation Project, Nev., 1923-. 2d vice-pres. and chm. reclamation sect., Amer. Soc. Agrl. Engin., 1922. —*b.* Aurora, Neb., Sept. 22, 1890; *s.* David P. and Ida May (Loveland) W.; reared in country; *m.* M. Hazel McClean, Aug. 31, 1916; *c.* David Loveland. B.Sc., Univ. Neb., 1915; M.S., Ia. State Coll., 1919. Sigma Xi; Sigma Tau; Alpha Zeta.

Weeks, Frederick Albert, teach. agr. and princ. Parker High-Sch., Clarence, N. Y.

b. Bergen, N. Y., Aug. 26, 1879; *s.* Frank S. and Ada (Van Sickle) W.; reared on farm and in village; *m.* Grace M. Thompson, Aug. 25, 1904; *c.* Merlyn B. B.S., Cornell Univ., 1918.

Weems, Julius Buel, chief chem., Dept. Agr., Richmond, Va.

Prof. agrl. chem. and chem. Exp. Sta., Ia. State Coll., 1895-1904; farmer, 1904-15; present position, 1915-. (Agrl. chem. and educ.). —*b.* Baltimore, Md., Aug. 27, 1865; *s.* Edwin Dawson and Rosetta L. (Norman) W.; reared in town and on farm; *m.* Lila C. Fletcher, June 26, 1895; *c.* Rachel F., G. Macduff, Carolyn V., Julius B. Jr. B.S., Md. State Coll., 1888; Ph.D., Clark Univ., Worcester, Mass., 1894.

Wegner, Earl Edward, dean Coll. Vet. Med., Wash. State Coll., Pullman, Wash.

From instr. anat. and surgery to dean Coll. Vet. Med., Wash. State Coll., 1909-. Pres. Wash. Vet. Med. Assoc. —*b.* Wash., June 21, 1885; *s.* F. C. and

Amy E. (Johnson) W.; reared on farm; *m.* Florence Wright, Dec. 21, 1913; *c.* Robt. Edward, Glenn Wright. D.V.S., Wash. State Coll., 1908; B.S., 1915. Sigma Chi.

Weimer, James LeRoy, assoc. path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Fellow, Cornell Univ., 1912-3; asst. plant path., 1913-4; instr., 1914-6; asst. bot., Purdue Exp. Sta., 1916-7; present position, 1917-. —*b.* Avilla, Ind., July 12, 1887; *s.* Samuel and Susanna Lydie (Simon) W.; reared on farm; *m.* Hortense A. Williams, May 17, 1913; *c.* Robt. LeRoy. A.B., Wabash Coll., 1912; Ph.D., Cornell Univ., 1916. Sigma Xi.

Weinberg, Roy W., co. agrl. agt., Midland, Mich.

Farmer, 1917-22; agrl. agt. Hillsdale Co., Mich., 1922-3; Midland Co., 1924-. —*b.* Vicksburg, Mich., Feb. 22, 1892; *s.* Adam A. and Emma J. (Louden) W.; reared on farm; *m.* Addie Hubbard, Feb. 21, 1917; *c.* Darwin H. Student Mich. Agr. Coll., 3 yrs.

Weinland, Henry A., co. agrl. agt., Court House, Santa Rosa, Calif.

Princ. grammar-sch., 1909-11; asst. supt. Calif. State Insectary, 1912-3; co. comnr. of hort., 1912-5; co. agrl. agt., 1915-. Calif. rep. to Hawaii, 1911-2, on Mediterranean fruit-fly invests. —*b.* Gracehill, Ia., June 1, 1888; *s.* Wm. H. and Carrie (Yost) W.; reared on farm; *m.* Irene Mize, Dec. 10, 1911; *c.* Clarence, Donald, Viola-May. B.S., Pomona Coll., 1909.

Weinstock, Harris, merchant, 19 Presidio Place, San Francisco, Calif.; Sept. 18, 1854-Aug. 22, 1922. See Rus 1920.

Weir, James Robert, plant path., in chg. pathological collections, U. S. Dept. Agr., Washington, D. C.

Asst. for. expert, U. S. For. Serv., 1903-4; chief and dir. sci. laboratories, Culver Military Acad., 1907-9; formerly officer in chg. white pine blister rust eradication, Dak., Mont., Ida., Wyo. Traveled and studied in Europe 4 yrs. (Mycology, plant path., parasitic phanerogams). —*b.* Scottsburg, Ind., May 31, 1881; *s.* Benj. Franklin and Barbara Ann (Hartley) W.; reared on farm; *m.* Florence Lelia Keach, Sept. 2, 1911. A.B., Univ. Ind., 1907; Ph.D., Univ. Munich, 1911. Sigma Nu.

Weir, Walter Wallace, asst. prof. soil tech., Univ. Calif., Berkeley, Calif.

Sr. drainage engin., U. S. Dept. Agr., 1907-17; present position, 1914-. (Drainage engin.). —*b.* Vacaville, Calif., Oct. 16, 1882; *s.* Jas. C. and Janetta (Nicholl) W.; reared on farm; *m.* May Ruth Beach, Jan. 20, 1914 (d. 1919); 2d, Gladys Louise Barbour Boynton, Apr. 24, 1920; *c.* W. W. Jr., Eugene W. Boynton, Elsie B. Boynton, Janetta. Student, Univ. Calif.

Weir, Wilbert W., assoc. soil tech., Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Formerly asst. prof. soils, Univ. Wis.; ed. Soil Improvement Com., Nat. Fert. Assoc.; sci. in soil survey, Bur. Soils. *Auth.*: (with Shutts) Agricultural Arithmetic, 1916; Productive Soils, 1920, unabridged and abridged editions. —*b.* Vernon, Wis., June 24, 1882; *s.* Jas. D. and Mary (Krause) W.; reared on farm; *m.* Marybelle R. Jacobs, June 28, 1910; *c.* Emily Beatrice. B.S., Univ. Wis., 1908; M.S., 1917; Ph.D., American Univ., 1923. Alpha Zeta.

Weiss, Freeman, assoc. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Shevlin fellow, Univ. Minn., 1916-7; asst. bot., Cornell Univ., 1917-8; asst. bot., Univ. Minn., 1919-20. Served in Med. Dept., U. S. Army, 1918-9. (Diseases of potatoes and greenhouse plants). —*b.* Minneapolis, Minn., Nov. 30, 1892; *s.* Oscar A. and Alice (Nye) W.; reared in city; *m.* Hope C. Smiley, 1919; *c.* Malcolm P. B.S., Univ. Minn., 1915; Ph.D., Cornell Univ., 1922. Alpha Zeta; Gamma Alpha.

Weiss, John Nelson, teach. agr., high-sch., Dixon, Ill.

Present position, 1921-. Chm. N. W. sect. Ill. Agrl. Teachers Assoc. 2d Lieut. Inf., U. S. Army. (Soils and crops). —*b.* Warsaw, Okla., Dec. 5,

1896; *s.* Wm. and Ada Nelson (Esbeck) W.; reared on farm; *m.* H. Lucille Ralph, Aug. 6, 1923. B.S.A., Univ. Ill., 1921. Sigma Pi.

Welch, Earl G., field specialist agrl. engin., Univ. Ky., Lexington, Ky.

With Univ. Ga., 1914-20; present position, 1920-. —*b.* Ia., Mar. 6, 1892; *s.* Carl and Eva (McKowan) W.; reared in town and on farm; *m.* Harriet McCrory, 1915; *c.* Earl Jr., Willard, Jean. B.S., Ia. State Coll., 1914.

Welch, Earl Parks, teach. agr., high-sch., Pantego, N. C.

Instr. agr., high-sch., Troy, N. C., 1920-3; Pantego, 1923-. 2d Lieut. Inf., U. S. Army, 1917-9. —*b.* Mecklenburg Co., N. C., Mar. 15, 1895; *s.* G. S. and Clara (Lee) W.; reared on farm; *m.* Anne Stewart, Aug. 30, 1924. B.S.A., N. C. State Coll., 1920.

Welch, Roscoe Richard, in chg. Grove City Community Development Assoc., Grove City, Pa.

Manag. U. S. Dairy Div. farm, Beltsville, Md., 2 yrs.; with U. S. Dairy Div., 11 yrs.; in chg. dairy husb. ext., Penn. State Coll., 2 yrs. —*b.* Covington Co., Miss., June 22, 1882; *s.* T. R. W.; reared on farm; *m.* Mary V. Giger, July 30, 1913; *c.* Wm. Lee, Tim Houston. B.S., Miss. A. & M. Coll., 1906; M.S., 1907.

Weld, Robert James, farmer, Sugar Grove, Pa.

Asst. to dir., Penn. Exp. Sta., 1893-6. Mem. Pa. State Bd. Agr., 1895-. Farmers inst. lect., 1900-15; movable sch. worker, 3 yrs.; pres. Warren Co. Farm Bur.; pres. Warren Co. Fed. Dairymens League. (Guernsey cattle). —*b.* Sugar Grove, Pa., Oct. 27, 1868; *s.* Wm. and Christina S. (Falconer) W.; reared on farm; *m.* Fannie Wright, June 5, 1902; *c.* Robt. A. Student Penn. State Coll.

Weldon, George Percival, pom., Chaffey Jr. Coll. Agr., Ontario, Calif.

Deputy state ent., Md. Agr. Coll., 1906-7; field ent., Colo. Agr. Coll., Delta, 1907-8; Grand Junction, 1909-11; deputy state ent., Colo. Exp. Sta., 1911-3; chief deputy state comnr. hort., Calif., 1913-8; present position, 1918-. Pres. Pacific Slope Branch, Amer. Assoc. Econ. Ent., 1917-8; judge hort. and agr., Calif. State Fair, 1919-24. *Auth.*: Apple Growing in California, 1914; Pear Growing in California, 1918. Contributing hort. ed., Orchard and Farm. —*b.* Loveland, Colo., Feb. 15, 1880; *s.* Geo. and Sarah (Samuels) W.; reared on farm; *m.* Velma B. Appleman, Sept. 1908; *c.* Margaret Sarah, Hubert Percival, Geo. Howard. B.S., Colo. Agr. Coll., 1906; M.S., 1915.

Weldon, Myrtle, state leader home dem. agts., Univ. Ky., Lexington, Ky.

Teach. home econ., high-sch., Burlington, Ia., 1914-6; La Grange, Ill., 1916-9; home dem. agt., Kane Co., Ill., 1920-2; asst. state leader home econ. ext., Univ. Ill., 1922-4; present position, 1924-. —*b.* Rockford, Ill., Aug. 13, 1890; reared on farm. B.A., Rockford Coll., 1914; M.A., Columbia Univ., 1920.

Welles, Winthrop Selden, prof. and head dept. voc. agrl. teaching, Mass. Agr. Coll., Amherst, Mass.

Rural sch. teach., 2 yrs.; princ. grade sch., 2 yrs.; princ. high-sch., 1 yr.; supt. city schs., 5 yrs.; head. biol. dept., Normal Sch., River Falls, Wis., 5 yrs.; dir. Sch. Educ. Agr., 7 yrs.; state superv. voc. agrl. instr. for Wis., 2 yrs.; present position, 1919-. —*b.* Penfield, Ill., Jan. 1, 1875; *s.* Joseph H. and Sarah Ann (Jones) W.; reared on farm; *m.* Anna Gertrude Hisel, Sept. 2, 1897; *c.* Barbara. Grad. State Normal Univ. Ill., 1897; B.S., Univ. Ill., 1901; grad. student Univ. Ill., Harvard Univ.

Wellhouse, Walter Housley, assoc. prof. biol. and ent., Ia. State Coll., Ames, Ia.

Acting sec. Kans. State Hort. Soc., 1913-4; asst. state ent., Kans., 1915-7; instr. ent., Cornell Univ., 1919-21; asst. prof. ent., Ia. State Coll., 1921-3; assoc. prof., 1923-. (Econ. ent.). —*b.* Fairmount, Kans., Dec. 2, 1890; *s.* Wm. Walter and Fannie Elizabeth (Downs) W.; reared in town; *m.* Marjorie A. Templin, 1920; *c.* Wm. Templin, Olin Walter. A.B., Univ. Kans., 1913; M.S.,

1917; Ph.D., Cornell Univ., 1920. Sigma Xi; Gamma Sigma Delta.

Wellington, Bertha J., home dem. agt., Grand Haven, Mich.

Teach. home econ., Rockford, Ill., 3 yrs. —*b.* Rockford, Ill., Aug. 31, 1898; *d.* Carl and Jennie (Carlson) W.; reared on farm. B.S., Ia. State Coll., 1923.

Wellington, Joseph Worcester, assoc. hort., U. S. Dept. Agr. and hort. and for. ed., Experiment Station Record, Washington, D. C.

Asst. hort., Vt. Agr. Exp. Sta., 1909-10; Purdue Univ., 1910-2; N. Y. Agr. Exp. Sta., Geneva, 1914-9. —*b.* Waltham, Mass., Mar. 1, 1886; *s.* Edward and Mary (Worcester) W.; reared on farm; *m.* Ina Pearl Rand, Oct. 7, 1911; *c.* Ruth Eleanor, Esther Rand, Lois Mills. B.S., Mass. Agr. Coll., 1908. Alpha Zeta.

Wellington, Richard, assoc. in res in hort., N. Y. Agr. Exp. Sta., Geneva, N. Y.

Pom., N. Y. Agr. Exp. Sta., Geneva, 1906-13; asst. prof. pom. and pom. Exp. Sta., Univ. Minn., 1913-9; prof. veg. gard., Md. State Coll., and veg. breeder, Exp. Sta., 1919-20; present position, 1920-. —*b.* Waltham, Mass., Oct. 10, 1884; *s.* Edward and Mary (Worcester) W.; reared on farm; *m.* Minerva Collins, Oct. 10, 1912; *c.* Mary Elizabeth, John Clark. B.S., Mass. Agr. Coll., 1906; M.Sc., Harvard Univ., 1911.

Wellman, Harry E., farmer, Kendall, N. Y.

Pres. Kendall Cold Storage Co., Inc.; pres. Orleans Co. Fruit Growers Assoc., 10 yrs.; pres. N. Y. State Hort. Soc. —*b.* Kendall, N. Y., May 2, 1865; *s.* Irving E. and Jane E. (Elwell) W.; reared on farm; *m.* Carrie B. Townsend, Dec. 30, 1886; *c.* Blanche M., Anna R. Brockport State Normal, 3 yrs.

Wells, Edward Lansing, meteorologist, U. S. Weather Bur., Portland, Ore.

With U. S. Weather Bur., Huron, S. D., 1896-7; Cairo, Ill., 1898; Boise, Ida., 1899-1917; Portland, 1918-. —*b.* Indian Ford, Wis., Sept. 11, 1875; *s.* Harrison Curtis and Zipporah Elizabeth (Burduck) W.; reared on farm; *m.* Laura Alice Long, Jan. 25, 1899; *c.* Mildred Estelle, Mary Salome, Alice Belle, Edward Curtis, Margaret Laura.

Wells, Howard Mitchell, supt. Graham Hort. Exp. Sta., Grand Rapids, Mich.

Asst., Mich. Agr. Coll., 1922-4; present position, 1924-. Corporal Field Art., U. S. Army, 1918. —*b.* Wilkesville, O., Sept. 6, 1896; *s.* Frank A. and Martha L. (Mitchell) W.; reared on farm; *m.* Mildred L. Wiseman, Sept. 1, 1923. B.S., Ohio State Univ., 1922; M.S., Mich. Agr. Coll., 1925. Alpha Zeta; Phi Sigma.

Wells, Howard N., co. agrl. agt., Claremont, N. H.

In mfg. business, office specialties, 1900-14. Sec. to Senator G. H. Witter, 1910; agt. Sullivan Co., N. H., 1914-. *Assoc. ed.,* New England Homestead. —*b.* Pike, N. Y., Dec. 24, 1879; *s.* Julian L. and Theresa (Shuknecht) W.; reared on farm; *m.* Marie S. Knowlton, June 25, 1913. Student Cornell Univ.

Wells, Jamie Gardner Jr., ext. specialist dairying, Mich. State Coll., Marquette, Mich.

Official dairy inst. superv., Purdue Univ., 1915-6; cashier, Bank of Canalou, Mo., 1917-8; farm manag., Hoberg, Mo., 1919-22; present position, 1923-. Sergeant-Major U. S. Army, 1918-9. —*b.* Peirce City, Mo., Jan. 7, 1894; *s.* J. G. and Sue (Linzee) W.; reared on farm. B.S.A., Univ. Mo., 1915. Gamma Sigma Delta.

Wells, Oscar Benton, clergyman, Essex Junction, Vt.

Del. to General Conference, 1924. (Rural church). —*b.* Bakersfield, Vt., Oct. 29, 1874; *s.* Lucian L. and Lucia I. (Learned) W.; reared on farm; *m.* Lydia M. Barnes, Dec. 25, 1901; *c.* Dorris Evelyn. Grad. Boston Univ. Sch. Theol.

Welsh, Frederic S., general manag. Merchants Despatch, Inc., operating Mer-

chants Despatch and Eastern Refrigerator Despatch car lines; manag. stock yard, N. Y. Central Lines, Mercantile Bldg., Rochester, N. Y.

With U. S. Bur. Soils, 1909-11; present position, 1911-; dairy farmer, Westchester Co., N. Y., 1915-7. —*b.* Dugdale, Pa., Oct. 3, 1886; *s.* Judson and Alma (Sager) W.; reared in town and country; *m.* Alice Reed, Oct. 17, 1911; *c.* F. S. Jr., John Reed. A.B., LaFayette Coll., Easton, Pa., 1907; B.S.A., Penn. State Coll., 1909. Phi Delta Theta.

Welsh, George Wilson, pub. The Fruit Belt, 1136 Cambridge Blvd., Grand Rapids, Mich.

Newspaper pub., 11 yrs.; pub. The Fruit Belt, 1905-; pub. Grand Rapids Chronicle, 1920-. Mem. Mich. Legislature, 1917-24; speaker House, 1923-4; Lieut.-Governor, 1925-6; mem. Com. on Better Relations with Mex., 1921. Fed. market agt. for W. Mich. —*b.* Glasgow, Scotland, Mar. 27, 1883 (naturalized 1904); *s.* Jos. and Elizabeth (Wilson) W.; reared in city; *m.* Shirlie L. Smith, Nov. 1905; *c.* Jean.

Welton, Robert Lee, teach. voc. agr., high-sch., Cherokee, Kans.

Wheat farmer, Seward Co., Kans., 1915-6. Served in World War. —*b.* Fairview, Kans., Aug. 5, 1897; *s.* Will and Hattie (Parker) W.; reared in village. B.S.A., Kans. State Agr. Coll., 1923.

Welty, Donald Carlisle, farmer and comnr. agr., Mo. Pacific Ry., 224 Gazette Bldg., Little Rock, Ark.

Stockman, Brookline Stock Farm, Aurora, Ill., 1908; fruit-grower and stockman, Mont., 1910-3; Jersey cattle breeder and comnr. agr., Mo. Pacific Ry., 1913-. Pres. Ark. Jersey Cattle Assoc.; sec.-treas. Ry. Development Assoc.; mem. exec. com., Ark. div. Amer. Cotton Assoc.; on bd. governors, Nat. Sheep and Wool Bur., Chicago. —*b.* United, Pa., July 8, 1888; *s.* Duncan O. and Margaret (Gallaher) W.; reared on farm and in city; *m.* Vic Bledsoe; *c.* Laura, Elizabeth, Donald Jr. Student Ia. State Coll., 1907-9. Sigma Alpha Epsilon.

Wentling, John Philip, assoc. prof. for., Univ. Minn., University Farm, St. Paul, Minn.

Prof. for., Pa. State For. Acad., 1906-8; asst. prof. for., Univ. Minn., 1908-13; assoc. prof., 1913-. *Auth.*: (with Cheyney) The Farm Woodlot, 1914. (Wood tech. and utilization). —*b.* Knox, Pa., Feb. 2, 1878; *s.* Eli and Christina (Barlelt) W.; reared on farm; *m.* Lucy Evelyn Price, Dec. 27, 1906; *c.* Margaret Evelyn, John P. Jr. A.B., Franklin and Marshall Coll., Lancaster, Pa., 1902; A.M., 1904; grad. student, Yale Univ., 1905-6. Sigma Xi; Phi Sigma Kappa.

Wentworth, Edward Norris, dir. Armour's Livestock Bur., Union Stock Yards, Chicago, Ill.

Asst. and assoc. prof. an. husb., Ia. State Coll., 1907-13; assoc. ed. Breeders' Gazette, 1913-4; prof. zootechny, Chicago Vet. Coll., 1913-4; prof. an. breeding, Kans. State Agr. Coll., 1914-7; staff Breeders' Gazette, Sept.-Nov. 1919; Public Relations Dept., Armour and Co., 1919-20; Armour's Bur. Agrl. Res. and Econ., 1920-2; present position, 1923-. Capt. and Operations Officer, Field Art., U. S. Army, 1917-9; asst. dir. Coll. Agr. and prof. an. husb., A. E. F. Univ., Beaune, France, 1919. Fellow A. A. A. S., Ia. Acad. Sci., Kans. Acad. Sci. Awarded Officier du Merite Agricole by French govt. —*b.* Dover, N. H., Jan. 11, 1887; *s.* Elmer Marston and Elizabeth Tilton (Towne) W.; reared in country town; *m.* Alma B. McCulla, June 14, 1911; *c.* Edward N. Jr. B.S.A., Ia. State Coll., 1907; M.S., 1909. Sigma Alpha Epsilon; Alpha Zeta; Phi Kappa Phi; Sigma Delta Chi; Alpha Psi.

Wentz, John Budd, assoc. prof. farm crops, Ia. State Coll., Ames, Ia.

Teach. agr., State Normal Sch., Spearfish, S. D., 1913-4; in U. S. Dept. Agr., Off. Western Irrig., 1914-5; asst. farm crops, Cornell Univ., 1915-6; prof. agron., Univ. Md., 1916-21; present position, 1921-. (Crop breeding). —*b.* Chariton, Ia., Mar. 4, 1891; *s.* John A. and Harriet E. (Taylor) W.; reared on farm; *m.* Hazel Edna Patterson, Sept. 22, 1915; *c.* 1 son. B.S.A., N. D. Agr.

Coll., 1913; M.S.A., Cornell Univ., 1916. Alpha Zeta; Phi Kappa Phi; Alpha Gamma Rho.

Wermelskirchen, Louis, superv. voc. agrl. educ., State House, Des Moines, Ia.

Sci. asst., U. S. Dept. Agr., 1912-5; agron. and farm supt., Tex. Agr. Exp. Sta., 1915-8; teach. voc. agr., 1919; asst. superv., 1920-1; present position, 1922-. Reconstruction aide, U. S. Army Med. Corps, 1918-9. —*b.* Sweetsprings, Mo., Jan. 1, 1883; *s.* Godfrey and Mary Ellen (Norfleet) W.; reared on farm; *m.* Velma Pearl Myers, May 29, 1913. B.S., Kans. State Agr. Coll., 1911; M.S., Tex. A. & M. Coll., 1919.

Werner, Harvey O., assoc. hort., Univ. Neb., Lincoln, Neb.

Asst. hort. in chg., N. D. Agr. Coll., 1913-8; present position, 1918-. Sec.-treas. Neb. Potato Improvement Assoc. (Potato culture). —*b.* Wernersville, Pa., Oct. 21, 1893; *s.* John Adam and Katherine Agnes (Knoll) W.; reared on farm; *m.* Elsie H. Ernst, June 27, 1915; *c.* Eunice Mildred, Kathryn Elisabeth, John Herman, Geo. Knoll. B.S., Penn. State Coll., 1913; M.S., Univ. Neb., 1923. Phi Kappa Phi; Gamma Sigma Delta; Sigma Xi.

Werner, Richard John, state superv. agrl. educ., Box 615, Sacramento, Calif.

Co. agrl. agt., Ore., 1917-8; teach. agr., high-sch., Esparto, Calif., 1919-20; princ. high-sch., 1920-3; present position, 1923-. 1st Lieut. U. S. Army, 1918-9. —*b.* Minneapolis, Minn., Dec. 3, 1893; *s.* Chas. A. and Anna M. (Weidner) W.; reared on farm; *m.* Claribelle Elton, June 1922; *c.* Margaret Ann. B.S., Ore. Agr. Coll., 1917. Phi Kappa Phi; Gamma Sigma Delta; Sigma Nu; Alpha Tau Alpha.

Wertman, Albert Parken, instr. voc. agr., high-sch., Clyde, Kans.

b. Washington, Kans., Dec. 22, 1901; *s.* Grierson and Lulu (Parken) W.; reared on farm. B.S., Kans. State Agr. Coll., 1923.

Wertz, Virgil Roe, asst. prof. farm econ., S. D. State Coll., Brookings, S. D.

Instr. econ., Univ. Minn., 1920-2; asst. agrl. econ., Univ. Wis., 1922-3; present position, 1923-. Sergeant U. S. Army, 1918-9. —*b.* Coshocton, O., Mar. 18, 1892; *s.* Jacob H. and Sophia (Bates) W.; reared in country; *m.* Marguerite Emily Monfort, July 1917; *c.* Jane L. B.S., Univ. Wis., 1919; M.S., 1920.

Wessels, Philip Henry, res. prof. veg. gard., Cornell Univ., in chg. L. I. Veg. Res. Farm, Riverford, N. Y.

Asst. chem., R. I. Exp. Sta., 1905-9; assoc. chem., 1912-21; fellow Univ. Wis., 1910-2. —*b.* Flint, Mich., Mar. 16, 1880; *s.* Jacob and Minnie (Englishman) W.; reared in town; *m.* Grace Felker, Nov. 6, 1912. B.S., Mich. Agr. Coll., 1905; M.S., Univ. Wis., 1910. Alpha Zeta; Phi Kappa Phi.

Wesson, Joe Alexander, co. agrl. agt., Brandenburg, Ky.

Asst. agrl. agt., Henrico Co., Va., 1920-1; Charlotte Co., 1921; agrl. agt. Prince Edward Co., 1921-3; agrl. agt. Meade Co., Ky., 1923-. Served in U. S. Army, 1918-9. —*b.* Wingo, Ky., Oct. 6, 1895; *s.* Isaac A. and Ida (Wright) W.; reared on farm; *m.* Eurye Scholes, Aug. 10, 1920. B.S.A., Univ. Ky.

West, Calvin Parker, farmer, Edgerton, Wis.

Formerly co. agrl. agt., Hayward, Wis. —*b.* Merrill, Wis., Jan. 24, 1891; *s.* Louis P. and Hattie (Parker) W.; reared on farm; *m.* Luella Alice Post; *c.* Calvin P. Jr. B.S.A., Univ. Wis., 1913.

West, Elizabeth Howard, state librarian, Tex. State Library, Austin, Tex.

Teach. public schs., Brandon, Miss., 1893-4; Steen's Creek, Miss., 1894-5; Bryan, Tex., 1895-9, 1901-3; Whitis Ave. Sch., Austin, Tex., 1903-6; asst. manuscripts div., Library of Congress, 1906-11; archivist, Tex. State Library, 1911-5; librarian, Carnegie Public Library, San Antonio, 1915-8; present position, 1918-. Regional dir. Enlarged Program Amer. Library Assoc., 1920, and Tex. State chm. Library War Serv. Campaign, 1917; exec. sec. on United

War Work State Campaign staff, 1918; pres. Tex. Library Assoc., 1914-6; pres. Southwestern Library Assoc., 1922-4; 2d. vice-pres., League of Library Comns., 1921-2; mem., exec. bd., Tex. Fed. Women's Clubs, 1921-; mem. bd. of managers, Tex. Council of Mothers and Parent-Teach. Assoc., 1923-4. *Auth.*: Calendar of the Papers of Martin Van Buren, 1910; Calendar of the Papers of Mirabeau Buonaparte Lamar, 1914. (Rural library development). —*b.* Pontotoc, Miss., Mar. 27, 1873; *d.* Jas. Durham and Mary (Waddel) W.; reared in small town and country. B.A., Ind. Inst. and Coll., Miss., 1892; M.A., Univ. Tex., 1901. Phi Beta Kappa.

West, Ernest Holley, fruit-grower, Dorset, Vt.

Mem. Vt. State Fair Comn.; pres. Vt. Hort. Soc.; mem. Vt. Public Serv. Comn. —*b.* Dorset, Vt., May 21, 1874; *s.* Spafford and Augusta (Holley) W.; reared in country; *m.* Bessie Chambers, Sept. 20, 1905; *c.* Elizabeth, Helen, Geo. B.S. in C.E., Univ. Vt., 1896. Lambda Iota.

West, Franklin Lorenzo, dean of faculty and prof. physics, Utah Agr. Coll., Logan, Utah.

(Frost, soil-moisture). —*b.* Ogden, Utah, Feb. 1, 1885; *s.* Joseph Alva and Josephine (Richards) W.; reared in city; *m.* Gladys Spencer, Aug. 19, 1904; 2d, Violet Madson, Feb. 12, 1920; *c.* Virginia, Marjorie, Franklin, Marian, Josephine. B.S., Utah Agr. Coll., 1904; Ph.D., Univ. Chicago, 1911. Sigma Xi; Phi Kappa Phi.

West, George Beal, co. superv. voc. agr., Logan Co. high-schs., Sterling, Colo.

Farmer, Ellis Co., Okla., 2 yrs.; Bent Co., Colo., 3 yrs.; postmaster and merchant, Mt. Washington, Mo., 3 yrs. Served in U. S. Army, World War; awarded Croix de Guerre; ed. America. (Rural sociol.). —*b.* Hennessey, Okla., Aug. 12, 1894; *s.* Geo. B. and Manilla (Davis) W.; reared on farm. B.S., Colo. Agr. Coll., 1924. Alpha Zeta.

West, Ray Benedict, dean agrl. engin. and mech. arts, Utah Agr. Coll., Logan, Utah.

b. Ogden, Utah, Oct. 21, 1882; *s.* Joseph A. and Josephine (Richards) W.; reared in city; *m.* Mary S. Morrell, Sept. 20, 1905; *c.* Ray B. Jr., Alan Morrell, Philip Leon, Willard Joseph, Robt. Edward. B.S., Utah Agr. Coll., 1904; C.E., Cornell Univ., 1906.

Westbrook, Edison Collins, farm manag. specialist, Univ. Ga., Athens, Ga.

1st Lieut. Field Art., U. S. Army, 1917-9. —*b.* Gainesville, Ga., Feb. 26, 1899; *s.* Wiley Claiborn and Emily O. W.; reared on farm. B.S.A., Univ. Ga., 1914.

Wester, Peter Johnson, agrl. adv., Bur. Agr., Manila, Philippine Isls.

Special agt., Subtrop. Lab. and Garden, Miami, Fla., 1904-6; gardener, 1907-9; in chg., 1909-10; hort., Bur. Agr., Philippines, 1910-2; chg. Lamao Exp. Sta., 1912-7; agrl. adv. dept., Mindanao-Sulu, 1918; present position, 1919-. Contributing ed., Philippine Agricultural Review. Traveled in Java and Malaya, 1915. —*b.* Arbra, Sweden, Sept. 23, 1877 (naturalized 1904); *s.* Johnson J. and Anna Christina (Mickelson) W.; reared on farm; *m.* Anna Augusta Anderson, Jan. 1, 1905; *c.* Robt. Emerson, Horace Volney, Anna Elizabeth, Ruth Theresia, Homer Cromwell. Grad. Gefleborgs Lans Folkhogskola, 1895.

Westfall, Leon H., co. club agt., Pulaski, N. Y.

b. Owego, N. Y., Feb. 8, 1901; *c.* E. J. and Cora (Hutchinson) W.; reared on farm. B.S.A., Syracuse Univ.

Westgate, John Minton, dir. Hawaii Agr. Exp. Sta., Honolulu, H. I.

Asst. bot., Kans. State Agr. Coll., 1899-1901; sci. asst. in sand-binding work, U. S. Dept. Agr., 1903-5; chg. alfalfa and clover invests., 1905-11; chg. clover invests., 1911-4; present position, 1915-. Fellow A. A. A. S. (Trop. agr., forage crops). —*b.* Kingston, N. Y., Feb. 17, 1878; *s.* Hollis Smith and Clara (Minton) W.; reared on farm; *m.* Inez Wheeler, July 20, 1905; *c.* Philip John, Mark Wheeler. B.S., Kans. State Agr. Coll., 1897; M.S., 1899; grad. student Univ. Chicago, 1901-3. Phi Kappa Phi.

Westley, Roy Olin, ext. specialist in crops and soils, Univ. Wyo., Laramie, Wyo.

Instr. farm crops, Ia. State Coll., 1915-8; agron., N. W. Sch. Agr., Crookston, Minn., 1918-9; instr. farm crops, Wash. State Coll., 1919-23; present position, 1923-. —*b.* Panora, Ia., Apr. 9, 1892; *c.* Henry Brue and Effie Jane (Rogers) W.; reared on farm; *m.* Grace Melvina Richards, 1916; *c.* Volney Jean, John Roger Lee. B.S., Ia. State Coll., 1915; M.S., 1918. Alpha Zeta; Alpha Gamma Rho.

Weston, Earl Putnam, dir. voc. agr., high-sch., Shawnee, Okla.

Supt. schs., Macomb, Okla., 1917-21; supt. Bethel Consolidated Schs., Shawnee, Okla., 1921-; teach. voc. agr., 1924-. Dir. Okla. Cigarette-Law-Enforcement League. —*b.* Walker Co., Ala., Aug. 11, 1892; *s.* Wm. Perry and Lela I. (Jones) W.; reared on farm; *m.* Sue Earnestine Petty, Nov. 18, 1916; *c.* Dale Henry, David Paul, Wm. Perry, Glen. B.A., E. Cent. State Teach. Coll., 1923; B.S., Okla. Baptist Univ., 1924.

Weston, James Wade, ext. specialist potatoes and res. asst. farm crops, Mich. State Coll., E. Lansing, Mich.

Potato specialist, Mich. Agr. Coll., 1914-6; asst. co. agt. leader, 1916-22; present position, 1922-. —*b.* Leroy, Mich., Nov. 27, 1887; *s.* Theodore and Mina E. (Wade) W.; reared on farm; *m.* Helen T. Philleo, June 17, 1916; *c.* Jas. W. Jr., Edmond T., Mary E. B.S., Mich. Agr. Coll., 1914.

Weston, William Henry Jr., asst. prof. bot., Harvard Univ., Cambridge, Mass.

Instr. bot., Western Reserve Univ., 1915-6; asst. bot., Biol. Lab., Woods Hole, Mass., summers 1915-6; path. insp., Fed. Hort. Bd., 1916-7; path. cereal invests., Bur. Plant Ind., U. S. Dept. Agr., 1918-21; present position, 1921-. Traveled in Hawaii, Guam and Philippines studying diseases of corn and sugar-cane, 1917-20; Cuba, 1924-5 studying diseases of sugar-cane. (Downy-mildews, aquatic fungi) —*b.* New York, N. Y., Jan. 24, 1890; *s.* Wm. H. and Frances (Pope) W.; reared in city; *m.* Lora Standish, 1916. A.B., Dartmouth Coll., 1911; M.A., Harvard Univ., 1912; Ph.D., 1915.

Westover, Harvey Leroy, agron., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

(Alfalfa). —*b.* Austerlitz, N. Y., June 4, 1879; *s.* Seymour and Annie (Gott) W.; reared on farm. B.S.A., Cornell Univ., 1906.

Wettyen, Harold E., co. agrl. agt., Court House, Paterson, N. J.

b. Cedar Grove, N. J., Jan. 5, 1895; *s.* Ehler O. and Ella O. (Jacobus) W.; reared on farm; *m.* Grace D. Johnson, Aug. 27, 1917. B.S.A., Rutgers Coll., 1917. Phi Gamma Delta.

Weymouth, George, ed. Farm Life, Spencer, Ind.

Ed., Woman's World, 1910-3; Farm Life, 1914-. —*b.* Jefferson, Wis., Jan. 23, 1865; *s.* Geo. L. and Nancy (McDonald) W.; reared on farm and in town; *m.* Martha S. Connell, Dec. 7, 1886; *c.* Daniel, Mary, Ann, Margaret, Frederick.

Whaley, Grace Catherine, prof. and state superv. home econ. educ., R. I. State Coll., Kingston, R. I.

Teach. grades, Providence, R. I., 1909-11; home econ., high-schs., 1911-22; present position, 1922-. Traveled in Europe, 1911. —*b.* Summit, R. I., Feb. 6, 1888; *d.* Albert A. and Fannie E. (Dye) W.; reared in city and on farm. B.E., R. I. Coll. Educ., 1922.

Whalin, Charles Vivian, asst. chief business specialist in chg. div. marketing live-stock, meats and wool, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Dept. supt. Armour & Co., Kansas City, 1901-7; superv. meat preparation and shipment, U. S. Dept. Agr., 1907-16; asst. in marketing and invest. live-stock and meats, 1916-21; present title, 1921-. —*b.* Richardsville, Ky., Dec. 20, 1876; *s.* Jas. M. and Paradine (Humphries) W.; reared on farm; *m.* Cornelia Taylor, June 10, 1903; *c.* Chas. V. Jr., Dorothy M., Elsie J., Jas. T., Cornelius, Caroline. A.B., Park Coll., Parksville, Mo., 1900.

Wharton, Fletcher Decatur, co. agrl. agt., Lincoln Ridge, Ky.

Instr. veg. gard., A. & T. Coll., Greensboro, N. C., 1913-4; head dept. agr., W. Va. State Agr. and Ind. Sch., Huntington, 1914-5; head dept. agr., Slater State Normal, Winston-Salem, N. C., 1915-7; agt. Vance Co., N. C., 1917-22; Woodruff Co., Ark., 1922-3; Shelby Co., Ky., 1923-. Recording sec., N. C. State Farmers Congress, 1919-21. (Hort., agrl. chem.). —*b.* Benaja, N. C., Apr. 23, 1899; (col.); reared on farm; *m.* Annie M. Harris; *c.* Annie Mae, Ferdinand Decatur, Juanita Novella. B.S.A., A. & T. Coll., Greensboro, N. C., 1912.

Whatley, Lizzie A. F., home dem. agt., Carrollton, Ga.

b. Roopville, Ga., Dec. 18, 1877; *d.* John M. and Sarah A. (Roop) Fields; reared on farm; *m.* V. D. Whatley, 1898; *c.* Annice, Vachel, John, Render, Fields. Student Bowdon Coll.

Wheat, Seth Truman, manag. Elite Farms, Whitney Point, N. Y.

Instr. T. N. Vail Agrl. Sch., 1½ yrs.; teach. agr., high-sch., and co. leader boys' and girls' clubs, Salem, N. J., 3 yrs. —*b.* Naples, N. Y., Oct. 31, 1891; *s.* Melmoth and Nellie (Wilbur) W.; reared on farm; *m.* Lucy C. Bolster, Jan. 30, 1915; *c.* Jean Gwendolyn, Richard Bolster. B.S., Cornell Univ., 1915. Kappa Delta Rho.

Wheaton, Ralph Roe, co. agrl. agt., Le Sueur, Minn.

Asst. agrl. ext. agt., N. Pacific R. R., 1915; co. agrl. agt., Alma, Wis., 1919-20; LeSueur Co., Minn., 1923-. In U. S. Navy, 1917-8. (Stock breeder). —*b.* Caledonia, Minn., Mar. 9, 1890; *s.* Samuel Nelson and Annie Maria (Houghton) W.; reared on farm; *m.* Edna Marie McLaughlin, Jan. 5, 1919. Student Hamline Univ., Univ. Minn. Acacia.

Wheeler, George C., manag. ed. Western Farm Life, 1518 Court Pl., Denver, Colo.

Asst. live-stock, Kans. State Agr. Coll., 1902-4; asst. in feeding expts., 1904-5; instr. an. husb., 1904-6; asst. prof., 1906-9; ext. specialist an. husb., 1909-13; assoc. ed. Kansas Farmer, 1913-5; ed., 1915-20; assoc. ed. Kansas Farmer-Mail and Breeze, 1920-1; present position, 1922-. —*b.* Burlington, Kans., Feb. 1, 1872; *s.* Geo. J. and Julia (Carpenter) W.; reared on farm; *m.* K. Myrtle Smith, 1898; *c.* Ruth, Geo. S., Helen, Frances. B.S., Kans. State Agr. Coll., 1895. Alpha Zeta; Phi Kappa Phi; Sigma Delta Chi.

Wheeler, Gerald Cornelius, business specialist, U. S. Dept. Agr., Washington, D. C.

Transportation expert, engaged in transportation and domestic and export trade in grain and feedstuffs to 1917; with Bur. Agrl. Econ., 1917-. Traveled in Africa, Australia and Europe. —*b.* Amsterdam, Holland, Feb. 20, 1880 (naturalized 1909) *s.* Gerald Cornelius and Alida (Van Nieuwkerk) W.; reared in city. LL.B., Atlanta Coll. of Law, 1909.

Wheeler, Hermon Temple, instr. agr., Reading High-Sch., R. F. D., Lexington, Mass.

Operator dairy and market garden, 1908-13; market gardener and fruit-grower, 1913-7; salesman and expert seedsman, Joseph Breck & Sons, Boston, 1917-24; present position, 1924-. Master Lincoln Grange, 1923. —*b.* Acton, Mass., Jan. 25, 1886; *s.* Jas. B. and Mary A. (Wheeler) W.; reared on farm. B.Sc., Mass. Agr. Coll., 1908.

Wheeler, Homer J., manag. Agrl. Serv. Bur., The Amer. Agrl. Chem. Co., 92 State St., Boston, Mass.

Asst. chem., Mass. Exp. Sta., 1883-7; chief chem., R. I. Exp. Sta., 1889-1907; prof. geol., R. I. State Coll., 1891-1912; prof. agrl. chem., 1902-10; acting pres., 1902-3; dir. R. I. Exp. Sta., 1900-12; present position, 1912-. Ex-pres. Assoc. of Official Agrl. Chem.; Amer. Soc. Agron. Traveled in Europe. *Auth.:* Manures and Fertilizers, 1913; Citrus Culture in Florida, 1923; Citrus Culture in California, 1923. (Agron., agrl. chem.). —*b.* Bolton, Mass., Sept. 2, 1861; *s.* Jesse B. and Martha Ann (Sykes) W.; reared on farm; *m.* Frieda

H. F. Ruprecht, May 15, 1891; *c.* Carl Otto, Wm. Edwin, Roland Arthur. B.Sc., Mass. Agr. Coll. and Boston Univ., 1883; M.A., Ph.D., Univ. Goettingen, Germany, 1899; D.Sc., Brown Univ., 1911. Alpha Sigma Phi.

Wheeler, John Taylor, prof. agrl. educ., Univ. Ga., Athens, Ga.

Princ. and teach. sci. and agr., consolidated rural high-sch., Osceola, Pa., 1910-1; instr., State Normal Sch., Mansfield, Pa., 1911-2; superv. schs. and teach. sci. and agr., Westfield, Pa., 1913-4; asst. prof. hort., Mass. Agr. Coll., 1916-8; present position, 1918-. —*b.* Ridgeberry, Pa., Jan. 15, 1886; *s.* M. B. and Florence (Stratton) W.; reared on farm; *m.* Belle Evelyn Grigson, Aug. 24, 1916. B.S.A., Univ. Wis., 1916.

Wheeler, Ralph Hicks, prof. ext. teach., Cornell Univ., Ithaca, N. Y.

Asst. instr. ext. teach., Cornell Univ., 1909-10; instr., 1910-2; asst. prof., 1912-7; prof., 1917-; acting dir. ext., Apr.-June, 1924. Dir. Ont. Co. Agrl. Soc., 3 yrs. —*b.* E. Bloomfield, N. Y., Sept. 11, 1883; *s.* Geo. A. and Mary Belle (Hicks) W.; reared on farm; *m.* Jessie Elizabeth Hart, Aug. 19, 1909; *c.* Elizabeth Cornell, Kenneth Eugene, Ralph H. Jr. B.S., Cornell Univ., 1912. Alpha Gamma Rho.

Wheeler, Thomas L., ed The Indiana Farmers Guide, Huntington, Ind.

b. Ross Co., O., Aug. 11, 1879; *s.* John and Emmaria W.; reared on farm; *m.* Anne Elizabeth Batterson, Mar. 30, 1905; *c.* Thos. L. Jr., Jane Elizabeth. B.Sc., Ohio State Univ., 1905. Alpha Zeta.

Wheeler, Wilfrid, farmer, Hatchville, Mass.

Formerly comnr. of agr. for Mass. —*b.* Concord, Mass., Sept. 8, 1876; *s.* Geo. F. and Alice (Rattray) W.; reared on farm; *m.* Emily H. Lillie, Sept. 8, 1898; *c.* Wilfrid Jr., Chas. Lincoln, Richard Parkman. Studied Brown Univ., Harvard Univ. Zeta Psi.

Wheeler, William Archie, marketing specialist in chg. div. hay, feed and seed marketing, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Instr. bot., Univ., Minn., 1900-3; prof. bot., S. D. State Coll., 1903-7; sec.-manag., Dakota Improved Seed Co., 1907-16; present position, 1916-. —*b.* Stockton, Minn., June 28, 1876; *s.* Chas. Adams and Sylvia Maria (Allen) W.; reared in country and city; *m.* Harriet Maria Alden, June 3, 1901; *c.* Harold Alden, Helen May, Margaret, Catherine, Harriet. B.Agr., Univ. Minn., 1900; M.S., 1901. Sigma Xi.

Wheelis, Willis B., teach. voc. agr., high-sch., Ashdown, Ark.

Instr. voc. agr., high-sch., Harrisonburg, La., 1923-4; Ashdown, 1924-; jr. ent., U. S. Dept. Agr., Birmingham, Ala., 1 yr.; in Cuba to invest. sugar-cane borer. —*b.* Marion, La., Nov. 15, 1896; *s.* Wm. B. and Mary (Broadway) W.; reared on farm. B.S., La. State Univ., 1923. Alpha Zeta.

Wheelwright, Robert, prof. lands. arch., Univ. Penn., Philadelphia, Pa.

Practising lands. arch., 1909-; present position, 1924-. Camp planner, Construction Div., U. S. Army, 1917-8. Mem. Amer. Soc. Lands. Arch. Traveled in Europe, 1908-9, 1913-4. *Ed.,* Landscape Architecture, 1910-20. —*b.* Boston, Mass., Feb. 20, 1884; *s.* Geo. Wm. and Sophia Elizabeth (Bond) W.; reared in town; *m.* Attaresta Barclay Moon, Nov. 6, 1920; *c.* Harold P., Attaresta Bodine. A.B., Harvard Univ., 1906; M.L.A., 1908.

Wheeting, Lawrence Clifford, asst. prof. and res. asst. in soils, Mich. State Coll., E. Lansing, Mich.

Instr. soils, Mich. Agr. Coll., 1917-8; asst. prof., 1920-. 2d Lieut. Inf., U. S. Army, 1917-9. —*b.* Imlay City, Mich., Mar. 7, 1896; *s.* John and Louise (Benning) W.; reared on farm; *m.* Gertrude M. Blakeslee, May 25, 1918. B.S., Mich. Agr. Coll., 1916; M.S., 1917. Alpha Zeta.

Whelpton, Pascal Kidder, res. on the agrl. support of population, Scripps Foundation, Miami Univ., Oxford, O.

Asst. farm manag. dem., Conn. Agr. Coll., 1915; instr. agr., high-sch., Greene, N. Y., 1915-6; asst. farm manag. dem., U. S. Dept. Agr., 1916-9; farm

manag. dem., Univ. Neb., 1919-20; prof. farm manag., Tex. A. & M. Coll., 1920-4; present position, 1924-. —*b.* N. Y., Feb. 22, 1893; *s.* Geo. and Edith (Kidder) W.; *m.* Lorene Parker, Aug. 22, 1919. B.S., Cornell Univ., 1915. Kappa Delta Rho; Gamma Sigma Delta.

Wherry, Edgar Theodore, sr. chem., Bur. Chem., U. S. Dept. Agr., Washington, D. C.

Instr. and asst. prof., Lehigh Univ., 1908-13. (Soil reaction). —*b.* Philadelphia, Pa., Sept. 10, 1885; *s.* Albert C. and Elizabeth (Doll) W.; reared in city; *m.* E. G. Smith, Jan. 1, 1914. B.S., Univ. Penn., 1906; Ph.D., 1909. Sigma Xi.

Whetzel, Herbert Hice, prof. plant path., Cornell Univ., Ithaca, N. Y.

Asst. bot., Cornell Univ. Exp. Sta., 1902-5; asst. prof. bot., Cornell Univ., 1905-6; asst. prof. plant path., 1906-9; prof., 1909-. Pres. Amer. Phytopath. Soc., 1915; chm. War Emergency Bd. of Amer. Plant Path., 1918. *Auth.*: (with Hesler, Gregory, Rankin) Laboratory Outlines in Plant Pathology, 1916; (with Hesler) Manual of Fruit Diseases, 1917; Outlines of the History of Plant Pathology, 1918. —*b.* near Avilla, Ind., Sept. 5, 1877; *s.* Joseph C. and Gertrude (Eckels) W.; reared on farm; *m.* Lucy E. Baker, 1904; 2d, Bertha A. Baker, 1914; *c.* Lucy G., Joseph C. Jr. A.B., Wabash Coll., 1902; M.A., 1906. Phi Beta Kappa; Sigma Xi; Phi Delta Theta; Gamma Alpha; Phi Kappa Phi.

Whisenand, James Wilbur, co. agrl. agt., Cambridge, Ill.

Asst. and instr. an. husb., Univ. Ill., 1914-20. —*b.* Harvard, Neb., Feb. 23, 1890; *s.* Jas. Silas and Alice Ann (Proctor) W.; reared on farm; *m.* Margaret Long, Sept. 5, 1917; *c.* John Long, Margaret. B.S., Univ. Neb., 1914; M.S., Univ. Ill., 1916. Sigma Xi; Alpha Zeta.

Whitaker, Francis Henry, co. agrl. agt., Blytheville, Ark.

Prof. manual training and math., Noxubee Co. Agrl. High-Sch., Miss., 1913-4; princ. Beech Grove Consolidated High-Sch., Violet, Miss., 1914-5; prof. math. and princ. high-sch. dept., high-sch., Jonesville, 1915-6; princ. and prof. agr., Cent. Agrl. High-Sch., 1916-7; agrl. agt. Franklin Parish, La., 1918; Jackson Co., Ark., 1919; Mississippi Co., 1919-. —*b.* Whitaker, Miss., Sept. 19, 1894; *s.* Jas. W. and Sallie G. (Robert) W.; reared on farm; *m.* Cecile M. Armstrong, Jan. 20, 1917. B.S., Miss. A. & M., Coll., 1913.

Whitaker, Helen Dow, farmer, R.1, Palouse, Wash.

Teach. math., State Normal, Cheney, Wash., 1893-5; Whitworth Coll., 1896-8; high-sch., Spokane, 1899-1901; Normal Sch., Moorhead, Minn., 1902-6; Univ. Minn., summer 1906; prof. and head poultry dept., Wash. State Coll., 1915-8; wheat and pea farming, 1918-. Mem. educ. com., Amer. Poultry Assoc.; dir. All-Northwest Egg Laying Contest, 1916-8. Contr. to agrl. and poultry press. Poultry farmer, 7 yrs. (Poultry). —*b.* Minneapolis, Minn., Aug. 1, 1872; *d.* L. A. and Marie Louise (Chapin) Dow; reared in city; *m.* W. K. Whitaker, Dec. 18, 1911. B.S., Univ. Chicago, 1902.

Whitaker, Martha Rebecca, home dem. agt., Tallulah, La.

Teach. public schs., Miss. and La., 14 yrs. —*b.* Whitaker Station, Miss.; *d.* Jas. Walker and Sallie Georgia (Robert) W.; reared on farm. M.A., Coll. Inst., Jackson, La., 1898; teach. diploma, La. State Normal, Natchotoches, 1908.

Whitcher, George Herbert, farmer, 74 Albin Rd., Concord, N. H.

Prof. agr. and dir. Exp. Sta., N. H., 1884-94; ed. agrl. dept. Concord Monitor, 1884-7; supt. schs., 1897-1914; farmer, 1915-; deputy comnr. educ. and dir. voc. educ., N. H., 1914-9; fed. prohibition dir., 1919-21. —*b.* Strafford, N. H., Nov. 23, 1860; *s.* Joseph A. and Martha (Emerson) W.; reared on farm; *m.* Emma Tuttle, July 3, 1901; *c.* Herbert T., Martha. Student, Univ. N. H.

Whitcomb, Donald Dooley, acting chief div. markets, Clemson Agr. Coll., Aiken, S. C.

Truck farmer, Geneva, Fla., 1919-20; insp., Sanford Truck Growers Assoc. and instr. voc. trade sch., Sanford, Fla., 1920-1; specialist grading and packing, Clemson Agr. Coll. and U. S. Dept. Agr., 1922-. Served in Engin. Corps, U. S. Army, 1917-9; instr. Army of Occupation Engin. Sch., Germany, 1919. —*b.* Downs, Ill., Mar. 20, 1896; *s.* Wm. Arthur and Agnes (Dooley) W.; reared in city; *m.* Helen May Peck, Sept. 14, 1921; *c.* Lee Peck. Student Ill. State Normal Univ.

Whitcomb, Warren Draper, asst. res. ent., Mass. Agr. Exp. Sta., Market Garden Field Sta., 240 Beaver St., Waltham, Mass.

Sci. asst., Bur. Ent., 1917-22, asst. ent., 1923-5; present position, 1925-. Served in Sanitary Dept. Med. Corps, U. S. Army, 1918. —*b.* Waltham, Mass., June 3, 1895; *s.* John F. and Eva F. (Draper) W.; reared in town; *m.* Neva F. Owens, Dec. 29, 1921; *c.* Doris Mae, Frances Draper. B.S., Mass. Agr. Coll., 1917. Theta Chi.

Whitcomb, William O., supt. seed and grain lab., Mont. Exp. Sta., Bozeman, Mont.

Asst. agrst., U. S. Dept. Agr., 1909-12; asst. prof. agron., Mont. State Coll., 1913-8; invest. seed marketing, Bur. Markets, U. S. Dept. Agr., Minneapolis, 1918-9; present position, 1920-. —*b.* Crary, N. D., Nov. 25, 1884; *s.* Wm. R. and Ruth (Orr) W.; reared on farm; *m.* Abigail Hess, Aug. 15, 1914; *c.* 1 daughter, 1 son. B.S.A., N. D. Agr. Coll., 1909; M.S.A., Cornell Univ., 1913. Alpha Zeta; Phi Kappa Phi.

White, Charles M., chief div. markets, State Dept. Agr., Augusta, Me.

Farmer, 17 yrs. —*b.* Bowdoinham, Me., Oct. 31, 1884; *s.* M. H. and Mary E. (Libby) W.; reared on farm; *m.* Viola M. Fletcher, Mar. 29, 1909; *c.* Marion R., Elizabeth E., David M., Lois E., Phillis M.

White, Charles Richard, farmer, Ionia, N. Y.

Lect., N. Y. State Farmers Inst., 1910-7; conductor, 1913-7; dir. Bur. Coop. Assocs., N. Y. State Dept. Farms and Markets, Albany, 1918-23. Pres. N. Y. State Veg. Growers Assoc., 3 yrs.; vice-pres. W. N. Y. Hort. Soc. (Marketing, cooperation). —*b.* Mendon Center, N. Y., Apr. 4, 1865; *s.* Oliver H. and Euphemia M. (Ewer) W.; reared on farm; *m.* Lura E. Green, June 14, 1886 (d. 1904); 2d, Maud M. Ross, Jan. 31, 1906; *c.* Oliver W., Edwin E., Alberta W. Student Univ. Mich., 1 yr. Sigma Phi.

White, David Stuart, dean Coll. Vet. Med., Ohio State Univ., Columbus, O.

Asst. vet. med., Ohio State Univ., 1893-5; head dept., 1895; dean, 1896-. Major, Vet. Corps, U. S. Army, 1917; Colonel, 1918; chief vet., A. E. F., 1918-. Decorations; C. M. G. (British); Officier Legion d'honneur, 1919. *Translator:* Malkmus' Physical Diagnostics, 1901. *Auth.*: Principles and Practice of Veterinary Medicine, 1917. —*b.* New Brighton, N. Y., Sept. 28, 1869; *s.* Wm. Henry and Catharine Ann (Elliott) W.; *m.* Nellie Eliza Smith, June 24, 1896. D.V.M., Ohio State Univ., 1890; studied Germany and Austria, 1890-3. Sigma Xi; Alpha Psi.

White, Earl Archibald, dir. Com. on the Relation of Electricity to Agr., 1115 Garland Bldg., Chicago, Ill.

Instr. farm mech., Univ. Ill., 1908-11; assoc., 1913-4; asst. prof., 1916-9. (Farm implements and machinery). —*b.* Antioch, Ill., Dec. 17, 1883; *s.* David M. and Margaret (McCredie) W.; reared on farm; *m.* Helen Mohr Johnston, Aug. 18, 1917. B.S., Univ. Ill., 1908; M.S., Univ. Wis., 1913; Ph.D., Cornell Univ., 1917. Sigma Xi.

White, Edward Albert, prof. flor. and ornamental hort., Cornell Univ., Ithaca, N. Y.

Asst. hort. in chg. greenhouses, Mass. Agr. Coll., 2 yrs.; chg. gardens, C. A. Griscom estate, Haverford, Pa., 1 yr.; commercial work, Arlington, Mass., 3 yrs.; teach. hort., Baron de Hirsch Sch., Woodbine, N. J., 1 yr.; asst. hort., Tex. A. & M. Coll., 2 yrs.; prof. bot., Conn. Agr. Coll., 5 yrs.; prof. flor., Mass. Agr. Coll., 6 yrs.; present position, 1913-. *Auth.*: Principles of Floriculture, 1915; Principles of Flower Arrangement,

1923. —*b.* W. Townsend, Mass., May 23, 1872; *s.* Edward and Susan (Gates) W.; reared on farm; *m.* Cora Crittenden, June 30, 1903; *c.* Emerson E., Kendall C., Barbara C. B.Sc., Mass. Agr. Coll., 1895. Kappa Sigma; Pi Kappa Phi; Phi Alpha Xi.

White, Elizabeth Coleman, grower of cranberries and blueberries, New Lisbon, N. J.

Mem. and former sec. bd. managers, N. J. State Colonies for Feeble Minded Males. Vice-pres., Joseph J. White, Inc. —*b.* New Lisbon, N. J., Oct. 5, 1871; *d.* Joseph J. and Mary A. (Fenwick) W.; reared on farm. Grad. Friends' Cent. Sch., Philadelphia, 1890.

White, Frank M., manag. Emerson-Brantingham Implement Co., Rockford, Ill.

Instr. agrl. engin., Univ. Wis., 1909-14; asst. prof., 1914-8; engin. ed., Orange Judd and Phelps Pub. Co., Chicago, Ill., 1918-9; present position, 1919-. Sec.-treas. Amer. Soc. Agrl. Engin., pres. 1916. —*b.* Dewey, Ill., June 21, 1885; *s.* Marshall E. and Mary Josephine (Harless) W.; reared on farm; *m.* Mary Andrews Bickel, June 18, 1913; *c.* Frank Marshall. B.S., Univ. Ill., 1909; M.S., Univ. Wis., 1913. Sigma Xi.

White, George C., prof. dairy husb., Conn. Agr. Coll., Storrs, Conn.

Asst. dairy husb., Univ. Mo., 1911-2; instr., 1912-3; asst. prof., Univ. Neb., 1913-4; present position, 1914-. —*b.* Harrisonville, Mo., May 25, 1887; *s.* Richard H. and Arabelle (Whited) W.; reared on farm; *m.* Lucille Farnham, May 20, 1912; *c.* Richard Farnham, Geo. Preston, Robt. Crawford. B.S.A., Univ. Mo., 1910; A.M., 1912. Sigma Xi; Gamma Sigma Delta.

White, Grover C., teach. agr. and supt. high-sch., Okemos, Mich.

b. Maple Rapids, Mich., Aug. 25, 1885; *s.* Casper L. and Sarah L. (Cheal) W.; reared on farm; *m.* Mary Ethlyn Hudson, June 22, 1911; *c.* Beth Irene, Dale Hudson. B.S.A., Mich. Agr. Coll., 1917.

White, Hall Brewer, asst. prof. farm buildings, Univ. Minn., University Farm, St. Paul, Minn.

Instr. carpentry, Univ. Minn., 1908-18; present title, 1918-. —*b.* Winnebago, Minn., June 6, 1879; *s.* John A. and Cordelia A. (Brewer) W.; reared on farm; *m.* Elizabeth M. Chase, Aug. 7, 1912; *c.* John A., Luella F., Glenn M. B.S.A., Univ. Minn., 1908. Alpha Zeta.

White, Harold H., critic-teach. agrl. educ., Ore. Agr. Coll., Corvallis, Ore.

Dir. dept. voc. agr., high-sch., Minnville, Ore., 1920-4; present position, 1924-. Served in U. S. Navy, 1918. —*b.* Kerby, Ore., Jan. 21, 1898; *s.* Alexander and Sarah E. (Tycer) W.; reared on farm; *m.* Wilna Alice Smith, Aug. 16, 1922; *c.* Elizabeth Agnes. B.S., Ore. Agr. Coll., 1920; M.S., 1925. Lambda Chi Alpha.

White, Henry Dale, farmer, Florence, S. D.

Supt. public schs., Florence, S. D., 1914-5; Peever, 1915-6; co. agrl. agt., Ft. Pierre, S. D., 1917-9; farmer, 1919-. —*b.* Kingman, Kans., Sept. 18, 1891; *s.* H. C. and Margaret W.; reared on farm; *m.* Ida Urtrud, May 30, 1918; *c.* Fern Sylvia. B.S., S.D. State Coll., 1914; student law, Columbia Univ., 1916-7.

White, Jackson Smith, co. club agt., Mineola, N. Y.

Asst. co. club agt., Chenango Co., N. Y., summer 1923. —*b.* Bath, N. Y., Apr. 8, 1899; *s.* John F. and Nellie (Smith) W.; reared on farm; *m.* Ethel J. Robens, Aug. 9, 1924. B.S., Cornell Univ., 1923.

White, Joseph Josiah, fruit-grower, New Lisbon, N. J.; Jan. 22, 1846-May 4, 1924. See Rus 1920.

White, Lewis Edwin, co. agrl. agt., Scranton, Pa.

Served in U. S. Army, 1918-9. —*b.* Punxsutawney, Pa., Oct. 13, 1895; *s.* Austin Sylvester and Margaret Rebecca (Lewis) W.; reared on farm; *m.* Rachel Mary Blase, Oct. 31, 1921; *c.* Lewis E. Jr., Richard Austin. B.S., Penn. State Coll., 1921. Alpha Zeta.

White, Raymond Francis, instr. voc. agr., high-sch., Mt. Zion, Ga.

Instr. agr. and bot., high-sch., Independence, Kans., 1922-4; present position, 1924-. Private Inf., U. S. Army, World War. —*b.* Garfield, Kans., Oct. 16, 1895; *s.* Horace A. and Josie (Ogier) W.; reared on farm; *m.* Fern Elizabeth Naugle, June 20, 1923; *c.* Robt. Burnley. B.S.A., Kans. State Agr. Coll., 1921.

White, Taylor, instr. voc. agr., high-sch., Muleshoe, Tex.

b. Sulphur Springs, Tex., Jan. 14, 1892; *s.* I. L. and Fannie (Hagood) W.; reared on farm; *m.* Ruth Emily White, Dec. 7, 1913. Student E. Tex. State Teach. Coll., Commerce; B.S., Tex. A. & M. Coll., 1925.

White, Thomas Herbert, hort., Md. Agr. Exp. Sta., College Park, Md.

Gard., England, 5 yrs.; farmer, Charles Co., Md., 3 yrs.; at present in chg. expts. in veg. and flor., Univ. Md. —*b.* Great Rissington, England, Oct. 9, 1868 (naturalized 1904); *s.* Jas. and Mary Ann (Pinchin) W.; reared in country and village; *m.* Annie Louisa Round, May 12, 1888; *c.* Kate, Herbert Jas., Wm. Henry, Albert, Robt., John Gordon, Thos. Wilson, Richard. M.S., Md. State Coll.

White, Ward Benjamin, dir. Chem. Bur., N. Y. State Dept. Farms and Markets, Albany, N. Y.

Trustee Starkey Sem. (Food analysis). —*b.* Preston Hollow, N. Y., Aug. 2, 1884; *s.* Geo. F. and Nellie (O'Neil) W.; reared on farm; *m.* Frances Eleanor Wright, 1915; *c.* Benjamin Ward. A.B., Cornell Univ., 1908; Ph.D., 1922. Gamma Alpha.

White, William, in chg. dairy mfg. invests., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

Creamery buttermaker, Spring Lake, Wis., 1908; Chilton, Wis., 1909; instr. dairying, S. D. State Coll., 1910-2; with Dairy Div., U. S. Dept. Agr., 1912-. *Auth.*: (with C. Larsen) Dairy Technology, 1912. —*b.* Riverton, N. J., Dec. 11, 1884; *s.* Hugh Clendenning and Martha (Pancoast) W.; reared in village; *m.* Alma Bork, Aug. 4, 1910; *c.* Frederick Wm., Ruth Pancoast. B.S.A., Univ. Minn., 1908. Alpha Zeta.

White, William Henry, assoc. ent. truck crop insect invests., Bur. Ent., U. S. Dept. Agr., Washington, D. C.

Served in U. S. Army, 1918-9. —*b.* Newtown, Md., Aug. 9, 1892; *s.* Thos. H. and Annie L. (Round) W.; reared on farm and in town. B.S., Univ. Md., 1913.

White, William Renwick, assoc. prof. agrl. educ., Penn. State Coll., State College, Pa.

Farm supt., 1907-11; present position, 1911-. —*b.* Grove City, Pa., Apr. 22, 1878; *s.* David P. and Elizabeth (Rainy) W.; reared on farm. B.A., Geneva Coll., 1901; B.S., Penn. State Coll., 1907; M.S., 1913; M.A., 1917.

White, Wilton Terrence, an. husb. in chg. U. S. Exp. Sta., Kodiak, Alaska.

Plant-breeder and asst. supt. Fairbanks Exp. Sta., Alaska, 1917-9; present position, 1919-. —*b.* Jewell, Kans., June 1, 1891; *s.* W. B. and C. A. (Hutchison) W.; reared on farm; *m.* Edna Anita Scott, Aug. 12, 1915; *c.* Wilton T. Jr., Anita Ann. B.S., Kans. State Agr. Coll., 1917. Delta Tau Delta.

Whitehouse, James William, state club agt., Univ. Ky., Lexington, Ky.

Teach. public schs., Spencer Co., Ky., 3 yrs.; prof. an. husb., Berea Coll., 1914-6; formerly co. agrl. agt., Owensboro, Ky. —*b.* Anderson Co., Ky., July 15, 1886; *s.* Joseph Thos. and Sarah Elizabeth (Stinnett) W.; reared on farm. B.S.A., Univ. Ky., 1914; M.S.A., 1916. Alpha Zeta.

Whiting, Albert Lemuel, assoc. prof. agrl. bact., Univ. Wis., Madison, Wis.

Agron., R. I. Exp. Sta., 1908-10; fellow agron., Univ. Ill., 1910-2; prof. and chief soil biol., Univ. Ill., 1919-23. *Auth.*: Soil Biology Laboratory Manual, 1917. —*b.* Stoughton, Mass., May 12, 1885; *s.* Albert H. and Morilla (Francis) W.; reared on farm; *m.* Lucile DuBois, Dec. 30, 1914; *c.* Alice Elizabeth. B.Sc., Mass. Agr. Coll., 1908; M.Sc., R. I. State Coll., 1910; Ph.D., Univ. Ill., 1912. Sigma Xi.

Whiting, Rex Anthony, an. path., Purdue Exp. Sta., LaFayette, Ind.

Vet. insp., U. S. Dept. Agr., 1905-10; asst., assoc. and an. path., Purdue Univ. Exp. Sta., 1910-. —*b.* Holland, N. Y., July 19, 1884; *s.* L. G. Ray and Mary A. (Randall) W.; reared on farm; *m.* Ida M. Coan, Oct. 8, 1905; *c.* Gladys A., Louie Elizabeth. D.V.M., Cornell Univ., 1905. Sigma Xi.

Whitlow, W. Rodney, mem. field serv. div., Dark Tobacco Growers Assoc., Inc., Bowling Green, Ky.

Formerly co. agrl. agt., Russellville, Ky. Mem. Ky. Legislature, 1908, 1910. —*b.* Oakland, Ky., July 24, 1882; *s.* Alph and Elizabeth (Cole) W.; reared on farm; *m.* Gertrude Horne, June 6, 1911.

Whitman, John Rodgers, superv. of practice teach. in voc. agr., Univ. Mo., Centralia, Mo.

Teach., high-sch., LaHarpe, Kans., 1914-6; princ. high-sch., Sedan, 1916-9; teach. agr. and manual training, Mankato, 1919-20; present position, 1920-. —*b.* Templeton, Ia., Mar. 5, 1884; *s.* Samuel Talcott and Barbara Ellen (Rodgers) W.; reared on farm; *m.* Gladys Lorraine Roberts, Aug. 28, 1922; *c.* Dorothy Jeanne. B.S., Cornell Coll., 1912; B. S. in Agrl. Educ., Ia. State Coll., 1919.

Whitner, Benjamin Franklin Jr., co. agrl. agt., Sanford, Fla.

2d Lieut. Field Art., U. S. Army, World War. —*b.* Sanford, Fla., Feb. 5, 1897; *s.* B. F. and Carrie Mabel (Alexander) W.; reared on farm and in town; *m.* Dorothy Lee Rumph, June 19, 1923. B.S.A., Univ. Fla., 1919. Kappa Alpha.

Whitney, Jay M., instr. voc. agr., high-sch., Arlington, O.

Farmer, Kipton, O., 1916-7; instr. voc. agr., high-sch., Berlin Heights, 1918-21; Old Fort, 1921-5; Arlington, 1925-. —*b.* Kipton, O., May 30, 1893; *s.* John M. and Amy (Holden) W.; reared on farm; *m.* Grace Esther Ingersoll, Feb. 14, 1917; *s.* Luella Mae, Leona Annie, Leota Amy, Arthur John. B.S.A., Ohio State Univ., 1916.

Whitney, Milton, chief Bur. Soils, U. S. Dept. Agr., Washington, D. C.

Asst. chem., Conn. Exp. Sta., 1883; supt. exp. farm of N. C. Exp. Sta., 1886-8; prof. agr., Univ. S. C. and vice-dir. S. C. Exp. Sta., 1888-91; soil physicist, Md. Exp. Sta., 1891-4; present position, 1894-. —*b.* Baltimore, Md., Aug. 2, 1860; *s.* Milton and Anne M. W.; reared on farm; *m.* Annie C. Langdon, June 30, 1891; *c.* Dorothy W., Milton Jr., Walter L., Courtney, Alden H. Special 3 yr. course chem., Johns Hopkins Univ.

Whitson, Andrew Robeson, prof. soils, Univ. Wis., Madison, Wis.

Princ. high-sch., Beloit, Wis., 1895-8; asst. prof. soil physics, Univ. Wis., 1899-1901; prof., 1901-. Del. to Intern. Agrl. Congress, Vienna, 1907. *Auth.*: Notes on Soils, 1910; (with Walster) Soils and Soil Fertility, 1912. —*b.* Stanton, Minn., Oct. 9, 1870; *s.* Andrew and Abigail (Dack) W.; reared on farm and in town; *m.* Josephine Fitch, Aug. 11, 1897; *c.* Kenneth Fitch, Merritt Bragdon, Rosamunde Louise. B.S., Univ. Chicago, 1894. Sigma Xi; Alpha Zeta.

Whittemore, Hollie Leon, state superv. agrl. educ., State Bd. Educ., Concord, N. H.

Teach. agr., high-sch., Alton, N. H., 1912-3; farm manag., Londonderry, 1914-5; farm owner, 1915-; teach. agr., high-sch., Vergennes, 1916; Sanderson Acad., 1917; headmaster and teach. agr., Hopkinton, 1919-20; teach. agr., Pinkerton Acad., 1921-2; present position, 1922-; asst. prof. agrl. educ., Univ. N. H., 1922-. Lieut. U. S. Army, 1917-8. —*b.* Colebrook, N. H., Dec. 13, 1890; *s.* Albert F. and Lizzie (Cowan) W.; reared in town; *m.* Marion B. Pillsbury, July 6, 1918; *c.* Wm. Sidney, Hollie K. Jr., Priscilla. B.S., Univ. N. H., 1912. Kappa Sigma.

Whitten, John Charles, prof. pom. and pom. Exp. Sta., Univ. Calif., Berkeley, Calif.; Sept. 14, 1866-June 5, 1922. See Rus 1920.

Whittier, Earle Ovando, assoc. chem., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Instr. chem., Univ. Me., 1911-5; instr. chem., Simmons Coll., 1915-8; res.

chem. and process superv., E. I. du Pont de Nemours & Co., 1918-21; present position, 1921-. (Chem. and utilization of milk-sugar). —*b.* New Sharon, Me., Mar. 26, 1891; *s.* Ovando Porter and Elizabeth Ellen (Craig) W.; reared on farm; *m.* Bertha Carey Whittemore, Aug. 25, 1913; *c.* Whittemore. B.S., Univ. Me., 1911; M.S., 1913; Ch.E., 1923. Theta Epsilon; Alpha Chi Sigma; Tau Beta Pi; Phi Kappa Phi.

Whittle, Charles A., editorial manag. Soil Improvement Com., S. Fertilizer Assoc., 616 Rhodes Bldg., Atlanta, Ga.

Agrl. ed., Univ. Ga., 6 yrs.; present position, 1917-. Ex-pres. Nat. Assoc. Agrl. Coll. Editors. (Agron.). —*b.* Sevier Co., Tenn.; *s.* Jas. M. and Mary A. (McCallie) W.; reared on farm; *m.* M. E. Earley, Jan. 11, 1903; *c.* Albert, Margaret. B.A., Univ. Tenn.

Wiancko, Alfred Theodore, prof. agron. and chief soils and crops dept. Exp. Sta., Purdue Univ., La Fayette, Ind.

Asst. and instr. agr., Univ. Neb., 1901-2; assoc. prof. agr., Purdue Univ., 1903-9; prof. agron., 1909-; chief soils and crops dept., Exp. Sta., 1911-. Traveled in Europe, 1910. —*b.* Sparrow Lake, Ont., Oct. 6, 1872 (naturalized 1910); *s.* Adolphus and Meta (Hildebrandt) W.; reared on farm. B.S.A., Toronto Univ., 1895. Sigma Xi; Alpha Zeta.

Wickert, Fred William, instr. agr., high-sch., E. Aurora, N. Y.

b. Syracuse, N. Y., Mar. 22, 1899; *s.* Fred W. and Mary A. (Bausinger) W.; reared in city and on farm; *m.* Helen May Gould, June 26, 1924. B.S.A., Syracuse Univ., 1924. Gamma Alpha Epsilon.

Wicks, Warren Rosecrans, co. agrl. agt., Beaver City, Neb.

Supt. schs., St. Hilaire, Minn., 1915-8; co. agt., Red Willow and Furnas Co., Neb., 1918-. —*b.* Ripon, Wis., Jan. 18, 1882; *s.* John and Clarissa Jane (Chapin) W.; reared on farm; *m.* Maude S. Burr, 1915; *c.* Benj., Clarissa, Erma-Grace, Emerson. Grad. State Normal School, Moorhead, Minn., 1915.

Wicks, William Hale, supervising insp., Calif. Dept. Agr., Sacramento, Calif.

Asst. hort., Ore. Agr. Coll., 1904-7; prof. pom. and asst. hort., N. H. Coll., 1908-9; prof. hort., Univ. Ida., 1909-14; prof. hort., Univ. Ark., 1914-8; food products insp., Bur. Agrl. Econ., U. S. Dept. Agr., 1918; dir. Bur. Plant Ind., Ida. Dept. Agr., 1919-20; dir. Bur. Plant Ind. and Bur. Markets, 1921-2; present position, 1924-. Sec.-treas. biproducts com., N. Pacific Fruit Distributors. —*b.* Macon Co., Ill., Nov. 30, 1881; *s.* Francis and Alice Matilda (Rife) W.; reared on farm; *m.* Cara H. Wilson, Nov. 16, 1904; *c.* Belmyn Augustus, Beverley Justine. B.S.A., Ore. Agr. Coll., 1904; M.S., 1906; M.S.A., Cornell Univ., 1908.

Wickson, Edward James, ed. and prof. hort. emeritus, Univ. Calif., Berkeley, Calif.; Aug. 3, 1848-July 16, 1923. See Rus 1920.

Widtsoe, John Andreas, agrst. and educator, Salt Lake City, Utah.

Chem., Utah Exp. Sta., 1894-1905; prof. chem., Utah Agr. Coll., 1895-1905; dir. Utah Exp. Sta., 1900-5; dir. dept. agr., Brigham Young Univ., 1905-7; pres. Utah Agr. Coll., 1907-16; pres. Univ. Utah, 1916-21. Mem. Council of Twelve, 1921-, and comnr. educ., 1922-, Church of Jesus Christ of Latter Day Saints. Mem. Utah State Hort. Comn., 4 yrs.; Utah State Bd. Educ., 1907-21; Utah Conservation Comn., 1900-16; vice-pres. Intern. Dry-Farming Congress, 1909, pres., 1912, mem. Bd. Governors, 1912-5; vice-pres. Intern. Irrigation Congress, 1915; chm. Salt Lake City com. on food production; chm. U. S. Food Adminis. com. for Utah on conservation of irrig. water. Traveled in Europe, 2 yrs. *Auth.*: Dry-Farming, 1911; Irrigation Practice, 1914. —*b.* Island of Froyen, Norway, Jan. 31, 1872 (naturalized 1895); *s.* John A. and Anna K. (Gaarden) W.; reared in village; *m.* Leah Dunford, June 1, 1898; *c.* Anna G., Karl Marselius, Leah Eudora. Grad. normal dept., Brigham Young Univ., 1891; B.S., Harvard Univ., 1894; A.M., Ph.D., Univ. Goettingen, 1898; LL.D., Utah Agr. Coll., 1914; Univ. Utah, 1921.

Wiedorn, William Schaffrath, lands. arch., 1007 Seventh Ave., N., St. Petersburg, Fla.

Lands. arch., Olmsted Bros., Brookline, Mass., 1920; instr. lands. gard., Kans. State Agr. Coll., 1920; asst. prof., 1921-4; with John J. Watson, Toledo, O., 1924. 2d Lieut. Machine Gun Corps, U. S. Army, World War. —*b.* Baltimore, Md., May 2, 1896; *s.* Anthony and Marie (Schaffrath) W.; reared in city; *m.* Marguerite M. McEntee, Sept. 2, 1921; *c.* Margaret Schelker. B.S., Cornell Univ., 1919; M.L.D., 1921. Alpha Rho Chi; Gamma Sigma Delta.

Wiegand, Ernest Herman, prof. hort. products and hort. Exp. Sta., Ore. Agr. Coll., Corvallis, Ore.

Poultryman and fruit-grower, National City, Calif., 1914-7; poultry specialist, U. S. Dept. Agr., Manhattan Kans., 1917-9; present position, 1919-. —*b.* Danville, Ill., July 10, 1886; *s.* Herman H. and Elise (Boettiger) W.; reared in city and country; *m.* Josephine Fritz, June 22, 1918. B.S.A., Univ. Mo., 1914. Alpha Zeta; Gamma Sigma Delta; Sigma Kappa Zeta.

Wiggans, Cleo Claude, prof. hort. and hort. Exp. Sta., Univ. Neb., Lincoln, Neb.

Asst. and instr., Univ. Mo., 1913-8; res. hort., Del. Coll., 1918-9; assoc. prof. hort. and assoc. hort. Exp. Sta., Univ. Neb., 1919-24; prof., 1924-. —*b.* near Princeton, Mo., Oct. 20, 1889; *s.* J. S. and Lucy (Barnes) W.; reared in town and on farm; *m.* Martha Chinn, Sept. 29, 1919; *c.* Samuel Claude. B.S.A., Univ. Mo., 1912; A.M., 1913; Ph.D., 1918. Sigma Xi; Gamma Sigma Delta; Gamma Alpha.

Wiggans, Roy Glen, asst. prof. plant-breeding, Cornell Univ., Ithaca, N. Y.

Asst. farm crops, Cornell Univ., 1914-5; instr., 1915-6; asst. prof., Ohio State Univ., 1916-7; instr., Cornell Univ., 1917-9; asst. prof., 1919-. —*b.* Mercer Co., Mo., May 12, 1891; *s.* J. S. and Lucy (Barnes) W.; reared on farm and in village; *m.* Edna Landon, Jan. 1, 1917; *c.* Robt. Landon, Roy Glen Jr. B.S.A., Univ. Mo., 1914; M.S.A., Cornell Univ., 1915; Ph.D., 1919. Sigma Xi; Gamma Alpha.

Wight, Glenn Justus, dir. agr., Canandaigua Acad., Canandaigua, N. Y.

Instr. an. husb., Mass. Agr. Coll., 1916; present position, 1917-. (An. husb., farm manag.). —*b.* Fowler, N. Y., June 10, 1889; *s.* Byron and Edna (Barnes) W.; reared on farm; *m.* Helen Flint, Sept. 15, 1917; *c.* Edna, Helen Muriel, Marjorie, Elaine. B.S., Cornell Univ., 1914.

Wight, William Franklin, bot. and pom., Bur. Plant Ind., U. S. Dept. Agr., Box 246, Palo Alto, Calif.

Asst. bot., Stanford Univ., 1900. Del. to Intern. Congress of Bot., Vienna, 1905. Spent year in S. Amer. —*b.* Allegan Co., Mich., June 8, 1874; *s.* Wm. and Mary E. (Stiles) W.; reared on farm; *m.* Gertrude Hawley, July 31, 1901; *c.* Roland Henry, Wm. Gordon. B.S., Mich. Agr. Coll., 1894; A.B., Stanford Univ., 1899; A.M., 1900. Sigma Xi.

Wigsten, Frank Murray, co. agrl. agt., Kingston, N. Y.

b. Bradford Co., Pa., Apr. 25, 1898; *s.* Frank A. and Kathryn (Walsh) W.; reared on farm; *m.* Edna B. Cornelius, Apr. 1924. B.S., Cornell Univ., 1922.

Wilbur, Oscar Milton, poultry specialist ext., Univ. Me., Orono, Me.

Instr. an. husb., Univ. Me., 1916-7; instr. poultry husb., 1917-9; specialist, 1919-. 2d Lieut. U. S. Army, 1918. Poultry ed. Maine Farmer. —*b.* Pembroke, Me., June 18, 1892; *s.* Edmund L. and Mary E. (Carter) W.; reared on farm; *m.* Mary C. Wentworth, Aug. 1, 1920; *c.* Oscar M. Jr., John Edmund. B.S., Univ. Me., 1915; M.S., 1917. Phi Kappa Phi; Alpha Zeta.

Wilcox, Alvis Hardie, teach. agr. and supt. schs., Spearman, Tex.

Princ. high-sch., Brackettville, Tex., 1912-4; supt. Groesbeck high-sch., 1914-5; time-keeper for M. K. & T. R. R., 1915-6; teach. rural sch., 1916-8; supt. high-sch., Iola, 1918-9; princ. high-sch., Teague, 1919-21; Canadian, 1921-

3; present position, 1923-. —*b.* Center City, Tex., Sept. 18, 1885; *s.* Geo. K. and Ella Nora (Jones) W.; reared on farm; *m.* Lucile Margaret Sanders, Sept. 6, 1916; *c.* Elnora Erin, Geo. Augustus. B.S., Sam Houston State Teach. Coll., 1922.

Wilcox, Culver Dumont, teach. agr., high-sch., Tecumseh, Mich.

b. Burr Oak, Mich., Apr. 12, 1896; *s.* Royal A. and Stella M. (Himebaugh) W.; reared on farm; *m.* Elizabeth T. Harned, June 20, 1919; *c.* Edward H., Evelyn E. B.S., Mich. Agr. Coll., 1921.

Wilcox, Earley Vernon, special writer for Country Gentleman, Southbrook Court, Washington, D. C.

Prof. biol., Mont. State Coll., 1896-9; assoc. ed. Exp. Sta. Record, 1899-1908; dir. Hawaii Exp. Sta., 1908-14; adminis. asst., States Relations Serv., 1914-6; agrst. in chg. farm tenancy and farm labor, U. S. Dept. Agr., 1917-9; present position, 1920-. *Translator:* Ostertags Handbook of Meat Inspection, 1905; Guide for Meat Inspectors, 1916. *Auth.:* Farmer's Cyclopedia of Agriculture, 1904; Farm Animals, 1906; Farmer's Cyclopedia of Live-stock, 1908; Tropical Agriculture, 1916; Lights and Shadows in Hawaii, 1913. —*b.* Busti, N. Y., Feb. 16, 1869; *s.* Abram F. and Sally Maria (Mead) W.; reared on farm; *m.* Mabel Ruth Owens, June 30, 1897. A.B., Otterbein Univ., 1890; A.B., Harvard Univ., 1892; A.M., 1894; Ph.D., 1895.

Wilcox, Edwin Mead, prof. biol., Transylvania Univ., Lexington, Ky.

Prof. bot. and ent., Okla. A. & M. Coll., 1900-1; prof. plant physiology and path., Ala. Poly. Inst., 1901-8; prof. plant path., Univ. Neb., 1908-20; dir. agrl. Exp. Sta., Santo Domingo, W. Indies, 1920-1; present position, 1924-. Fellow A. A. A. S. Traveled around world, 1899-1900, studying trop. agr. —*b.* Busti, N. Y., May 21, 1876; *s.* Abram F. and Sally Maria (Mead) W.; reared on farm; *m.* Cora Ruth Eichhorn, June 29, 1899; *c.* Elizabeth Sally, Christine Louise, Mead Nicholas. B.Sc., Ohio State Univ., 1896; A.M., Harvard Univ., 1898; Ph.D., 1899. Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

Wilcox, Raymond Boorman, sci. asst. plant path., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

b. Kiowa, Kans., Feb. 1, 1889; *s.* Jas. Noble and Nettie (Boorman) W.; reared in village; *m.* Hazel M. Hoag, Dec. 25, 1916; *c.* Elizabeth Noble. B.S.A., Univ. Wis., 1912; M.S., 1913.

Wilcox, Roy H., farm econ., U. S. Dept. Agr., Washington, D. C.

Instr., Univ. Ill., 1915-9; present position, 1919-. —*b.* Richfield, Minn., July 27, 1887; *s.* H. M. and Jean (McIntyre) W.; reared on farm; *m.* Geraldine Peterson, Nov. 30, 1916; *c.* Donna Louise, Jean Francis. B.S., Univ. Minn., 1913; M.S., Univ. Ill., 1917. Alpha Zeta.

Wilde, Earle Irving, prof. flor., Penn. State Coll., State College, Pa.

2d Lieut., Q. M. C., U. S. Army, World War. —*b.* Taunton, Mass., Jan. 17, 1888; *s.* Samuel A. and Mary E. (Lincoln) W.; reared in city; *m.* Laura K. Wheeler, Aug. 26, 1914; *c.* Earle I. Jr., Richard Arnold. B.S., Mass. Agr. Coll., 1912; M.S., Penn. State Coll., 1917. Kappa Sigma.

Wilder, Cecil Norton, assoc. prof. agrl. chem., Univ. Ga., Athens, Ga.

Tutor agrl. chem., Univ. Ga., 1916-8; instr., 1918-9; adj., 1919-20; assoc., 1920-. —*b.* Pelham, Ga., June 4, 1896; *s.* C. O. and Florence (Norton) W.; reared in town; *m.* Gussie Parr, Aug. 17, 1917. B.S.A., Univ. Ga., 1916; M.S.A., 1918.

Wilder, Henry J., co. agrl. agt., San Bernardino, Calif.

Agrst., States Relations Serv., U. S. Dept. Agr., Washington, to 1921; agrl. agt. San Bernardino Co., 1921-. —*b.* Sunderland, Mass., Jan. 15, 1873; *s.* Alden and Jennie (Woodbury) W.; reared on farm; *m.* Gertrude M. Bent, Aug. 16, 1900. A.B., Harvard Coll., 1897. Theta Delta Chi.

Wildermuth, Vernon Leroy, ent. asst. in chg. U. S. Ent. Lab., Tempe, Ariz.

b. Groveport, O., Aug. 15, 1885; *s.* Edward and Olive (Keller) W.; reared on farm; *m.* Marguerite Kiessling, May 16, 1912; *c.* Erna Ruth, Edward Richard. B.S.A., Ohio State Univ., 1909.

Wiley, Harvey Washington, farmer, ed., chem., Cosmos Club, Washington, D. C.

Prof. Greek and Latin, Butler Coll., Indianapolis, 1868-70; teach. sci., Indianapolis high-sch., 1871; prof. chem., Butler Coll., 1873-4; prof. chem., Purdue Univ. and state chem. of Ind., 1874-83; prof. chem., Ind. Med. Coll., 1875-9; chief chem., U. S. Dept. Agr., 1883-1912; prof. chem., Geo. Washington Univ. Grad. Sch., 1899-1912; consulting prof. food chem., Poly. Inst. of Brooklyn, 1905. Chm. Bd. Food and Drug Insp., 1907-12. Sec. Assoc. Official Agrl. Chem., 1889-1912, life-pres., 1912-; vice-pres. A. A. A. S., 1886, sec. council, 1890, gen. sec., 1891; pres. Amer. Chem. Soc., 1893-4; pres. U. S. Pharmacopoeial Convention, 1910-, pres. Amer. Therapeutic Soc., 1910; pres. Ind. Acad. Sci., 1902; vice-pres. Washington Acad. Sci., 1909. Mem. Jury Awards, Chicago Expos., 1893; Paris Expos., 1900; Jamestown Expos., 1907. U. S. del. 3d Intern. Congress Applied Chem., Vienna, 1898; 4th, Paris, 1900; 5th, Berlin, 1903; 6th, Rome, 1906; 7th, London, 1909. Hon. pres. First Intern. Congress for the Repression of Adulteration of Alimentary and Pharmacopoeial Products, Geneva, 1908; corresponding mem. for U. S., Societe Universelle de la Croix-Blanche de Geneve, 1909. Chevalier du Merite Agricole, 1900; Chevalier Legion of Honor, 1909; Elliott Cresson Medal of Franklin Inst., 1910. *Auth.*: Songs of Agricultural Chemists, 1892; Principles and Practice of Agricultural Chemistry (3 vols.), 1894-7, 2d ed., 1909-11; Foods and Their Adulteration, 1907, 3d ed., 1918; 1001 Tests, 1914, 2d ed., 1916; The Lure of the Land, 1915; Not by Bread Alone, 1915; Beverages and their Adulterations, 1919. Contributing ed., Good Housekeeping Magazine, 1912-. (Agrl. chem., nutr.). —*b.* Kent, Ind., Oct. 18, 1844; s. Preston P. and Lucinda Weir (Maxwell) W.; reared on farm; *m.* Anna Campbell Kelton, Feb. 11, 1911; *c.* Harvey M. Jr., John Preston. A.B., Hanover Coll., 1867; A.M., 1869; M.D., Ind. Med. Coll., 1871; B.S., Harvard Univ., 1873; Ph.D., Hanover Coll., 1881; LL.D., 1895; LL.D., Univ. Vt., 1912; Sc.D., Lafayette Coll., 1913.

Wilford, Edward James, assoc. prof. an. husb., Univ. Ky., Lexington, Ky.

Instr. an. husb., Univ. Ky., 1917-8; assoc. prof., 1918-. Mem. Ky. Acad. Sci. —*b.* DeSoto, Wis., Nov. 12, 1890; *s.* Jas. and Ellen (Angell) W.; reared on farm and in city; *m.* Clara Mae Crouch, Aug. 26, 1913; *c.* Dorothea Ellen, Evelyn Rose, Leah Mae, Martha Permelia, Frank Edward, Vernon Richard. B.S., Cornell Univ., 1917; M.S., Univ. Ky., 1925. Alpha Gamma Rho.

Wilkey, Clovis Ray, teach. agr., high-sch., Glenwood, Ark.

Co. agrl. agt., Ky., 1918-9; present position, 1919-. —*b.* Dixon, Ky., Mar. 22, 1897; *s.* W. J. and Mattie A. W.; reared on farm. B.S.A., Univ. Ky., 1917.

Wilkins, Clyde L., teach. voc. agr., high-sch., Franktown, Va.

Asst. state hort., Augusta, Me., 1915; state hort., 1916; plant quarantine insp., Washington, 1917; salesman, General Motors Export Co., New York, 1919; instr. voc. agr., high-sch., Presque Isle, Me., 1920-4; present position, 1924-. Served in U. S. Army, 1917-8. —*b.* Wilton, Me., May 30, 1892; *s.* Wilbur and Bertha (Lamkin) W.; reared on farm; *m.* Inez Wills, July 24, 1922; *c.* Harold Edward, Clyde Jr. B.S., Univ. Me., 1918. Lambda Chi Alpha.

Wilkins, F. Scott, asst. chief forage crop invests., Ia. Agr. Exp. Sta., Ames, Ia.

Instr. farm crops, Ia. State Coll., 1915-7; present position, 1918-. —*b.* Addison, Pa., Nov. 18, 1889; *s.* Jesse and Anna (Richter) W.; reared on farm; *m.* Eleanor Selover, Dec. 30, 1920; *c.* Donald. B.S., S. D. State Coll., 1914; M.S., Ia. State Coll., 1915. Alpha Zeta; Phi Kappa Phi.

Wilkins, Lydia K., chief Periodical Div., Library, U. S. Dept. Agr., Washington, D. C.

Instr. Latin and math., McDonald-Ellis Sch., Washington, D. C., 1898-9; instr. biol., Washington high sch., 1900; instr., Philippine Isls., 1901-3; Porto Rico, 1905; classifier, Hispanic Soc. Library, N. Y., 1906; expert indexer, Library Bur., N. Y., 1907-8; instr. high-sch., Nome, Alaska, 1909-10; present position, 1911-. —*b.* Washington, D. C., Feb. 23, 1873; *d.* Chas. F. and Hannah A. (Weatherby) W. B.A., Wellesley Coll., 1896; student library course, Columbia Univ.

Wilkinson, Albert Edmund, veg. specialist, Conn. Agr. Coll., Storrs, Conn.

Hort., Baron de Hirsch Agr. Sch., Woodbine, N. J., 1907-8; farmer, Mass., 1908-10; hort., Lyndon Agr. Sch., Vt., 1910-2; instr. hort. and veg.-gard., Cornell Univ., 1912-3; agrl. agt., Atlantic Co., N. J., 1918-21; present position, 1921-. *Auth.:* Modern Strawberry Growing, 1913; Sweet Corn, 1915; The Apple, 1915; Muck Crops, 1916. —*b.* Boston, Mass., July 17, 1879; *s.* Richard and Lizzie R. (Barney) W.; reared in town; *m.* Maude L. Owen, 1906; *c.* Richard Merrill. B.S., R. I. State Coll., 1906; M.Agr., 1916.

Wilkinson, Robert Shaw, pres. State A. & M. Coll., Orangeburg, S. C.

Prof. Latin, Greek and econ., Univ. Ky., 1891-6. Pres. State Teach. Assoc.; mem. exec. com., Nat. Teach. Assoc. — *b.* Charleston, S. C., Feb. 18, 1865; *s.* Chas. and Lavinia (Robinson) W.; reared in city; *m.* Marion R. Birnie, June 29, 1897; *c.* Helen Raven, Robt. Shaw, Frost Birnie, Lula Love. A.B., Oberlin Coll., 1891; Ph.D., Univ. Ky., 1898.

Will, Ralph Reeves, co. agrl. agt., Portales, N. Mex.

2d Lieut. U. S. Army, 1918. —*b.* Ottumwa, Ia., Aug. 13, 1898; *s.* Geo. C. and Lydia V. (Reeves) W.; reared on farm; *m.* Estelle Boykin, Mar. 17, 1923; *c.* Ralph R. Jr. B.S., N. Mex. A. & M. Coll., 1921.

Willaman, John James, assoc. prof. plant chem., Univ. Minn., University Farm, St. Paul, Minn.

Asst. agrl. chem., Univ. Wis., 1912-3; instr., Univ. Minn., 1913-5; asst. prof. 1915-22; assoc. prof., 1922-. (Physiol. of plant diseases). —*b.* Brodhead, Wis., Oct. 7, 1889; *s.* John H. and Eldora (Scoville) W.; reared in city; *m.* Leola Lorenz, 1915; *c.* Dorothy Ellen, Janet Leola. B.S., Univ. Wis., 1912; M.S., 1914; Ph.D., Univ. Chicago, 1919. Phi Beta Kappa; Sigma Xi; Gamma Alpha; Phi Lambda Upsilon; Gamma Sigma Delta.

Willard, Charles Julius, asst prof. farm crops, Ohio State Univ., Columbus, O.

Farmer, Bradford, Kans., 1910-3; Williamsburg, Va., 1913-6; present position, 1917-. —*b.* Manhattan, Kans., Feb. 14, 1889; *s.* Julius T. and Lydia (Gardiner) W.; reared in town; *m.* Vivien M. Ullmer, Oct. 28, 1911. B.S., Kans. State Agr. Coll., 1908; B.S.A., Univ. Ill., 1910; M.S., 1917. Sigma Xi; Phi Kappa Phi; Alpha Zeta.

Willard, Daniel Everett, agrst., Great Northern Ry., 961 Fairmount Ave., St. Paul, Minn.

Prof., N. D. State Normal Sch., 1895-1903; prof. geol., N. D. Agr. Coll., 1903-10; development agt. Northern Pacific Ry., 1910-9. Fellow A. A. A. S., Amer. Geographic Soc. of N. Y. *Auth.:* The Story of the Prairies, 1902; School Geography, 1903; Soils of North Dakota, 1909; The Story of the North Star State, 1922. —*b.* Nile, N. Y., Aug. 22, 1862; *s.* DeWitt C. and Lavinia (Lamphear) W.; reared on farm; *m.* Emma Davis, Nov. 11, 1903; *c.* Daniel E. Jr. A.B., Alfred Coll., 1888; A.M., Alfred Univ., 1890; grad. student, Univ Chicago, 1892-5.

Willard, John Dayton, dir. ext. serv., Mass. Agr. Coll., Amherst, Mass.

Country minister, 9 yrs.; sec. Franklin Co. Farm Bur., 2 yrs.; ext. specialist marketing, Mass. Agr. Coll., 1919; dir. ext., 1920-. Sec. 1st state food production com. in U. S. and sec. Mass. Food Adminis., 1917-8; mem. Mass. Comn. on Necessaries of Life, 1919-20. —*b.* Appleton, Wis., May 31, 1885; *s.* John D. and Mina D. (Beaman) W.; reared in country; *m.* Helen Luthera Stone, July 13, 1909; *c.* Luthera Beaman, John D. B.A., Amherst Coll.,

1907; student Hartford Theol. Sem., 2 yrs. Phi Beta Kappa; Phi Kappa Phi; Phi Gamma Delta.

Willard, Rex E., farm econ., N. D. Agr. Coll., Agricultural College, N. D.

Sci. asst., U. S. Bur. Soils, 1908-10; soil physicist, N. Mex. A. & M. Coll., 1910-2; agrst., Off. Farm Manag., U. S. Dept. Agr., 1912-8; agt. Grand Forks Co., N. D., 1918-20; present position, 1920-. —*b.* Friendship, N. Y., Sept. 6, 1883; *s.* Dewitt Clinton and Lavinia (Lamphear) W.; reared on farm; *m.* Ruth Thompson, Aug. 19, 1914; 2d, Ruth E. Kennedy, Sept. 6, 1923; *c.* Winifred Ruth. B.S., N. D. Agr. Coll., 1908.

Willard, William A. Luther, teach. agr. and supt. schs., Milan, Mich.

Teach. rural schs., 3 yrs.; princ. graded sch., 2 yrs.; supt. public schs., 9 yrs. —*b.* Luther, Mich.; *s.* Eugene P. and Florence A. (Shapland) W.; reared in village; *m.* Martha Elizabeth White, Jan. 1, 1914; *c.* Wm. A. Jr., Rhoda Alice, Rush Howard, Deane Douglas. B.S., Mich. State Coll., 1923.

Willey, Leroy D., co. agrl. agt., Sidney, Neb.

Asst. in dry-land agr., Exp. Sta., Archer, Wyo., 1913-6; supt. Exp. Sta., Sheridan, 1916-20; rancher, Mont., 1920-2; agrl. agt. Cheyenne Co., Neb., 1923-. Asst. chief clerk, Wyo. Senate in 17th Legislature. —*b.* Lancaster, Wis., Apr. 8, 1887; *s.* Thomas H. and Sophia B. (Pendleton) W.; reared on farm; *m.* Annette May Welch, July 31, 1915; *c.* Leroy D. Jr., Duane E., Melvin G., Chas. R., Kenneth W. B.S., Mont. State Coll., 1913.

Willham, Oliver Siralve, prof. an. husb., Panhandle A. & M. Coll., Goodwell, Okla.

b. Clearwater, Kans., June 26, 1901; *s.* Geo. B. and Ida (Barnes) W.; reared on farm. B.S., Okla. A. & M. Coll., 1923. Alpha Zeta; Phi Kappa Phi.

Williams, Barnett Osborne, state boys' club agt., Clemson Agr. Coll., Clemson College, S. C.

Teach. voc. agr., Norway, S. C., 1918-9; asst. state boys' club agt., Clemson Agr. Coll., 1919-22; state boys' club agt., 1922-. Del. to S. Agrl. Workers, 1922, 1924. —*b.* Easley, S. C., June 26, 1897; *s.* Barnett H. and Melissa (Robinson) W.; reared on farm; *m.* Lillian Hendricks, Dec. 28, 1920; *c.* Harriet Hendricks. B.S., Clemson Agr. Coll., 1918.

Williams, Carl, ed. Oklahoma Farmer-Stockman, Oklahoma City, Okla.

Copy boy to manag. ed. city newspapers, 1897-1905; ed. Scientific Farmer, 1905-6; farmer, seed-breeder and stockman, Colo., 1906-11; present position, 1913-. Sec. Sci. Farming Assoc., 1906; organized Intern. Dry-Farming Congress, 1906; pres. Colo. Grain and Seed Growers Assoc., 1906-8; mem. State Council Defense, 1917-8; dir. S. W. Amer. Livestock Expos., 1915-23; organizer Okla. Cotton Growers Assoc., 1920, dir., 1920-4; organizer Amer. Cotton Growers Exchange, 1921, pres., 1921-4; pres. Amer. Agrl. Editors Assoc., 1921-2; mem. nat. com. on agrl. world trade, 1923-4; mem. exec. council Nat. Wheat Advisory Com.; vice-chm. Nat. Council Farmers Coop. Marketing Associations, 1922-. —*b.* Porter Co., Ind., Mar. 30, 1878; *s.* Abraham L. and Julia Ann (Williams) W.; reared on farm; *m.* Mabel Bates, July 14, 1906.

Williams, Carlos Grant, dir. Ohio Agr. Exp. Sta., Wooster, O.

Agron., Ohio Agr. Exp. Sta., 1903-21; dir., 1921-. Dir. Peoples Savings and Loan Co.; dir. Commercial Banking and Trust Co., Wooster; mem. O. Agrl. Comn., 1913-4; mem. Council Defense, 1917-8; pres. Wayne Co. Red Cross, 1918. Fellow A. A. A. S. *Contr. ed.,* Ohio Farmer, 1908-. (Plant-breeding). —*b.* Gustavus, O., Jan. 18, 1863; *s.* Carlos A. and Elmina (Moore) W.; reared on farm; *m.* Mayme A. Elder, Jan. 16, 1896; *c.* Margaret, Ruth, Robt.

Wlliams, Charles Burgess, asst. dir. res., N. C. Agr. Exp. Sta., Raleigh, N. C.

With N. C. State Coll., 1894-; chem., N. C. State Dept. Agr., 1907-. *Auth.:* (with D. H. Hill) Corn Book for Young Folk, 1920. —*b.* Shiloh, N. C., Dec. 23, 1871; *s.* Robt. J. and Susan

(Burgess) W.; reared on farm; *m.* Margaret Williams Moring; *c.* Frances, Suzanne, Frank. B.S., N. C. A. & M. Coll., 1893; M.S., 1896; scholarship student Johns Hopkins Univ., 1896-7.

Williams, Cyrus Vance, prof. voc. educ., Kans. State Agr. Coll., Manhattan, Kans.

Prof. bot., Neb. State Teach. Coll., 1907-8; prof. bot., Neb. Wesleyan Univ., 1910-3; supt. Neb. Sch. Agr., Curtis, 1913-8; special agt. in educ. for Fed. Bd. for Voc. Educ., 1918-20; prof. voc. educ., Kans. State Agr. Coll., 1920-; state dir. voc. educ., 1920-2. —*b.* Elmwood, Neb., Jan. 19, 1879; *s.* Matthew Bray and Mary Jane (Vance) W.; reared on farm; *m.* Myrtle Glasscock, 1904. B.Educ., Neb. State Teach. Coll., 1909; A.M., Univ. Neb., 1910; Ph.D., 1925. Sigma Xi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta; Phi Delta Kappa; Acacia.

Williams, David Willard, head dept. an. husb., Tex. A. & M. Coll., College Station, Tex.

Stock farmer, 1916-8; ext. an. husb., U. S. Dept. Agr., 1918-9; assoc. prof. an. husb., Tex. A. & M. Coll., 1919-20; prof., 1920-3; head dept., 1923-. Served in U. S. Army, 1918. (Beef cattle and swine). —*b.* Venedocia, O., Aug. 20, 1892; *s.* David W. and Elizabeth J. (Morgan) W.; reared on farm; *m.* Magdalene Rees, Aug. 16, 1921; *c.* Margaret Anne. B.Sc., Ohio State Univ., 1915; M.S., Univ. Ill., 1916. Alpha Gamma Rho; Sigma Delta Chi.

Williams, George Pugh, wool buyer, 912 W. Trade St., Charlotte, N. C.

With Ohio Exp. Sta., 1902-4; instr., Millersburg Military Inst., Ky., 1905; Chicago Parental Sch., 1906; Waterford Agrl. High-Sch., Pa., 1907; farm manag., Delaware Co., O., 1908-17; ext. sheep specialist, La. State Univ., 1918-21; reporter Bur. Markets, Union Stock Yards, Chicago, 1921-2; sheep field agt., N. C. State Coll., 1923-5; present position, 1925-. *Assoc. ed.,* National Stockman and Farmer, 1916-8. (Sheep and goat husb.). —*b.* Radnor, O., Oct. 24, 1879; *s.* David and Mary (Jones) W.; reared on farm. A.B., Ohio Wesleyan Univ., 1902; A.M., 1910.

Williams, Gilmore Clark, teach. voc. agr., high-sch., Arab, Ala.

Princ. and teach. voc. agr., high-sch., Belleville, Ala., 1920-2; present position, 1922-. 2nd Lieut. Inf., U. S. Army, 1917-9. Traveled in Mexico, 1925. —*b.* Arkadelphia, Ark., Aug. 18, 1895; *s.* Samuel Monroe and Flora (South) W.; reared on farm and in village; *m.* Clara Mae Cantrell, Aug. 22, 1918; *c.* Gilmore C. Jr. B.S., Ala. Poly. Inst., 1920. Phi Kappa Phi; Gamma Sigma Delta.

Williams, Grace Dorothy, home dem. agt., Auburn, N. Y.

Cereal chem., 1919-21; teach. homemaking, high-sch., W. Winfield, N. Y., 1921-4; home dem. agt., Seneca Co., 1924-5; Cayuga Co., 1925-. (Foods, nutr.). —*b.* Utica, N. Y., Jan. 15, 1897; *d.* Lewis C. and M. Maude (Moors) W.; reared in city and country. B.S., Columbia Univ., 1919. Kappa Alpha Theta.

Williams, Harley LaStrange, state leader poultry husb., U. S. Dept. Agr. and La. State Univ., Baton Rouge, La.

Poultry farmer, Fla. and Ga., 10 yrs.; poultry and egg res., Armour & Co., 6 mos.; ext. poultry husb., Miss. A. & M. Coll., 1918-9; present position, 1919-. Chief adv., La. Poultry Assoc.; manag. state poultry and egg show; in chg. state poultry marketing work. —*b.* Mountville, Ga., Aug. 8, 1888; *s.* Wm. Allen and Lilla (Clopton) W.; reared on farm; *m.* Ellie Mae Colson, Sept. 10, 1906; *c.* Thelma, Edna Mae, Allen. Student Mountville Military Inst., Ga., 4 yrs.

Williams, Hobart Floyd, pres., H. F. Williams and Co., farm mortgage bankers, Minneapolis, Minn.

Asst. ed., Orange Judd Farmer, Chicago, 1912; sci. asst., U. S. Dept. Agr., 1913-4; asst. prof. farm manag., Univ. Neb., 1915-6; asst. to pres. and chief appraiser, Fed. Land Bank of Omaha, Neb., 1917; chief farm loan examiner, Mutual Benefit Life Insurance Co., Newark, N. J., 1918-22; present position, 1922-. —*b.* Albany, Mo., June 4, 1886; *s.* T. H. B. and Ophelia J. (Albin) W.; reared on farm; *m.* Anita Noncolas, Apr. 9, 1918. B.S.A., Univ.

Mo., 1912; M.S., Univ. Neb., 1917. Alpha Tau Omega; Gamma Sigma Delta.

Williams, Isadora, home dem. agt., Tuscaloosa, Ala.

Teach. graded sch., Eastover, S. C., 1908-13; high-schs., Pickens, 1915-7; on farm, 1913-5, 1917-8; home dem. agt., Geneva Co., Ala., 1919-20; teach. home econ., high-sch., Easley, S. C., 1920-3; home dem. agt., Tuscaloosa Co., Ala., 1923-. —*b.* Pickens Co., S. C., Sept. 7, 1884; *d.* Frederick and Nancy Laura (O'Dell) W.; reared in country. A.B., Winthrop Normal and Ind. Coll.

Williams, James Herbert, teach. voc. agr. and princ. Casey Co. High-Sch., Liberty, Ky.

Manag. fruit farm, 1917-8; general farmer, 1919-21. In U. S. Aviation Serv., 1918. —*b.* Henderson Co., Ky., Feb. 27, 1893; *s.* F. F. and Laura (Griffin) W.; reared on farm; *m.* Jean Hollingsworth, Dec. 1924. B.S., Univ. Ky., 1924. Alpha Gamma Rho.

Williams, John Oscar, an. husb. in chg. horse and mule invests., Bur. An. Ind., U. S. Dept. Agr., Washington, D. C.

b. Venedocia, O., Mar. 10, 1885; *s.* David W. and Elizabeth (Morgan) W.; reared on farm. B.S.A., Ohio State Univ., 1908. Alpha Gamma Rho.

Williams, Judson Sparks, co. agrl. agt., Court House, Kenosha, Wis.

Served in U. S. Navy, World War. (An. husb.). —*b.* Paris, Wis., Sept. 25, 1897; *s.* Lewis C. and Mary (Crane) W.; reared on farm; *m.* Irma H. Rasmussen, Jan. 5, 1923. B.S.A., Univ. Wis., 1919. Pi Kappa Alpha.

Williams, Louis Coleman, ext. hort. and acting supt. dept. insts. and ext. schs., Kans. State Agr. Coll., Manhattan, Kans.

Field insp., Chestnut Blight Comn., Pa., 1912-3; instr. agr., high-sch., Tecumseh, Neb., 1913-5; asst. supt. insts. and ext. schs., Kans. State Agr. Coll., 1915-7; asst. state club leader, 1917-9; ext. hort., 1917-; acting supt. insts. and ext. schs., 1923-. (Pom.). —*b.* Lincolnville, Kans., July 9, 1892; *s.* Francis Buckner and Lucy (Coleman) W.; reared on farm. B.S., Kans. State Agr. Coll., 1912, 1922.

Williams, Walter Wilkinson, vet. and pres. Inst. of Agr. Inc., Springfield, Mass.

Collaborator with W. L. Williams, Diseases of the Genital Organs of Domestic Animals, 1921. —*b.* LaFayette, Ind., Jan. 28, 1892; *s.* Walter Long and Mary Ellen (Wilkinson) W.; reared in town; *m.* Gladys H. Warrick, July 1, 1916; *c.* Walter W. Jr., Rosalind. A.B., Cornell Univ., 1913; D.V.M., 1915.

Williamson, Daisy Deane, state home dem. leader, Univ. N. H., Durham, N. H.

Teach. rural schs., Posey Co., Ind., 6 yrs.; Mt. Vernon, 7 yrs.; high-sch., Sidney, 4 yrs.; Huntington Coll., 4 yrs.; home dem. agt., Sullivan, Ind., 1 yr.; present position, 1920-. Home econ. chm., State Fed. Womens Clubs; dir. State Tuberculosis Assoc.; health chm. State Parent-Teach. Assoc. Originator of paper dress form. —*b.* Mt. Vernon, Ind., Jan. 8, 1882; *d.* Richard and Martha (Aldredge) W.; reared on farm and in city. Student Muncie Normal Inst., Huntington Coll., Ind. State Normal Sch.

Willie, Vernal, teach. voc. agr., high-sch., Lyman, Wyo.

Asst. poultryman, Utah Agr. Coll., 1922-3. —*b.* Mendon, Utah, Aug. 19, 1899; *s.* John S. and Eliza (Hunzaker) W.; reared on farm; *m.* Dorothy Bird, Sept. 20, 1922. B.S.A., Utah Agr. Coll., 1922. Alpha Delta Epsilon.

Willingmyre, George T., specialist in wool marketing and standardization, Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Wool merchant, Philadelphia, Pa., 1901-13; wool specialist, Canadian Dept. Agr., 1913-6; present position, 1917-. Rep. U. S. Dept. Agr. to conference in England with British wool-growers, 1923. —*b.* Bristol, Pa., Mar. 31, 1882; *s.* Daniel Webster and Sarah Anne

(Miller) W.; reared in city; *m.* Sarah Barnes Braddock, Aug. 14, 1905; *c.* D. Webster, Margaret Georgette. Student Bethany Coll., Pa.

Willis, Luther G., soil chem., N. C. Agr. Exp. Sta., Raleigh, N. C.

Asst. chem., Penn. State Coll., 1910-2; asst. chem., Univ. Tenn., 1912-8; chem., Agr. Exp. Sta., Mayaguez, Porto Rico, 1918-22; present position, 1922-. —*b.* S. Walpole, Mass., Dec. 19, 1886; *s.* Albert A. and Georgia F. (Cummings) W.; reared in town; *m.* Sarah E. Harrison, 1909; *c.* Albert H.. Katherine. B.S., Mass. Agr. Coll., 1909.

Williston, David Augustus, prof. lands. arch., Tuskegee Inst., Ala.

Prof. agr., N. C. A. & M. Coll., Greensboro, 1898-1902; lands. gard., Tuskegee Inst., 1902-8; prof. agr. and hort., Fisk Univ., Nashville, Tenn., 1908-11; present position, 1911-. —*b.* Fayetteville, N. C., 1872; *s.* Frank and Henriette W. (col.); reared on farm; *m.* Susie Bell Thomas, 1908; *c.* Thos. A. B.S.A., Cornell Univ., 1898.

Willits, Frank P., sec. agr., Penn. Dept. Agr., Harrisburg, Pa.

Dir. Inter-State Milk Producers Assoc.; dir. and treas. Nat. Coop. Milk Producers Assoc.; dir. Penn. Joint Stock Land Bank; dir. Grange Nat. Bank of Downingtown; dir. Mutual Insurance Co. —*b.* Maiden Creek, Pa., Nov. 3, 1856; *s.* David and Charlotte (Parvin) W.; reared on farm; *m.* Elizabeth A. Paschall, 1885; *c.* Paul L., Joseph H.

Willoughby, Claude Houston, prof. an. husb. and dairying, Univ. Fla., Gainesville, Fla.

Dairyman and an. husb., Ga. Exp. Sta., 1902-10; supt. Fern Crest Dairy, Sandersville, Ga., 1910-12; present position, 1912-. Officer Ga. and Fla. Live-stock Assocs., 1904-19. Dept. ed., Southern Ruralist, Atlanta, 1905-19. —*b.* Tamaroa, Ill., Jan. 2, 1875; *s.* Cyril Latimore and Harriet Newell (Patrick) W.; reared in village and country; *m.* Gertrude Evans, 1897; *c.* Alice E., Mary G. B.Agr., Univ. Mo., 1901; grad. student, Univ. Wis., 1901, Cornell Univ., 1908; M.A., Geo. Peabody Coll., 1924. Alpha Zeta; Phi Kappa Phi; Sigma Alpha Epsilon.

Willoughby, Luther Earle, asst. prof. agron. ext., Kans. State Agr. Coll., Manhattan, Kans.

Teach. high-sch., Winfield, Kans., 1912-4; Santa Barbara, Calif., 1914-5; princ. rural high-sch., Grainfield, 1916-7; agt. Rush Co., Kans., 1917-9; distr. agrl. agt., Hays, 1919-22. —*b.* Nokomis, Ill., Dec. 8, 1889; *s.* Millard Fillmore and Amanda (Manning) W.; reared on farm; *m.* Inez Brown, Aug. 21, 1913; *c.* Jean Brown. B.S., Kans. State Agr. Coll., 1912; B.S.A., 1916.

Wills, James Stapleton, co. agrl. agt., Fincastle, Va.

b. Gala, Va., Nov. 21, 1883; *s.* Jas. Reid and Virginia T. (Carper) W.; reared on farm; *m.* Nancy Wyndham Walkup; *c.* Josephine W., Anne M., Jas. W. Student Va. Poly. Inst. Phi Beta Pi.

Wills, John Gorden, chief vet., Dept. Agr., Albany, N. Y.

Pres. U. S. Livestock Sanitary Assoc.; pres. N. Y. State Vet. Med. Soc.; chm. sect. sanitary sci., Amer. Vet. Med. Assoc. (Infectious diseases of animals). —*b.* Chateaugay, N. Y., Apr. 4, 1879; *s.* Alexander and Elizabeth (Jolly) W.; reared on farm; *m.* Netta O. Gamble, June 1907; *c.* John G. Jr. B.S.A., Univ. Vt., 1903; D.V.M., Cornell Univ., 1906. Sigma Nu.

Willson, Charles Albert, dean Coll. Agr. and prof. an. husb., Univ. Tenn., Knoxville, Tenn.

Asst. an. husb., Kans. State Agr. Coll., 1906-7; instr. an. husb., Univ Mo., 1907-10; asst. prof. an. husb., Univ. Tenn., 1910-2; prof. 1912-; asst. dean Coll. Agr., 1919-23; dean, 1923-. —*b.* Lapeer Co., Mich., Aug. 29, 1879; *s.* John D. and Roxa M. (Dayton) W.; reared on farm; *m.* Bertha M. Wellman, Aug. 29, 1907; *c.* Margaret, Charlotte. B.S.A., Mich. Agr. Coll., 1906; M.S.A., Univ. Mo., 1910; M.Agr., Mich. Agr. Coll., 1923. Alpha Zeta; Phi Kappa Phi; Acacia.

Willson, Edwin A., superv. projects, men's work, ext. div., N. D. Agr. Coll., Agricultural College, N. D.

Live-stock manag., Anaconda Copper Mining Co., Mont., 1907-8; foreman, Bitter Root Stock Farm, Hamilton, 1909; asst. agrl. agt., Great Northern Ry., 1910-2; agrl. agt., N. Pacific Ry., 1913-8; co. agrl. agt., Fargo, N. D., 1919-22; present position, 1922-. Sent to England, 1914, by J. J. Hill to purchase cattle. —*b.* Bozeman, Mont., June 11, 1885; *s.* Geo. H. and Florence (Baker) W.; reared in town; *m.* Gertrude A. Kasper, June 7, 1916; *c.* Jane Ann, Florence Louise, Frank Edwin. B.S., Mich. Agr. Coll., 1907.

Wilson, Archie Dell, farmer, Guthrie, Minn.

Asst. agr., Univ. Minn., 1905-7; supt. farmers insts., 1907-21; dir. agrl. ext., 1909-21; mem. Bd. Regents, Univ. Minn. Fed. food adminis. for Minn., 1917-9. *Joint auth.*: Agriculture for Young Folks, 1910; Field Crops, 1912; Elements of Farm Practice, 1915. Dept. ed., The Farmer, St. Paul, 1908-. —*b.* Hastings, Minn., Dec. 3, 1875; *s.* M. G. and Olive J. (McCarriel) W.; reared on farm; *m.* Eva W. Ward, Sept. 5, 1906; *c.* Archie Dell, Winifred Ward, Marian Louise. B.S.A., Univ. Minn., 1905. Sigma Xi; Alpha Zeta.

Wilson, Arthur Don, superv. agr., high-sch., W. Newton, Pa.

2d Lieut. U. S. Army, World War. —*b.* Eldersridge, Pa., May 8, 1895; *s.* A. D. and Alma (Rearich) W.; reared on farm. B.S., Penn. State Coll., 1922. Alpha Zeta; Delta Sigma Phi.

Wilson, Benjamin Dunbar, asst. prof. soil tech., Cornell Univ., Ithaca, N. Y.

Asst. chem., Ky. Exp. Sta., 1909-14; instr., Cornell Univ., 1917-8; asst. prof., 1918-. —*b.* Lexington, Ky., 1889; *s.* Benj. B. and Alice P. (Hancock) W.; reared in city. B.S., Univ. Ky., 1909; M.S., 1914; Ph.D., Cornell Univ., 1917. Sigma Xi; Sigma Nu.

Wilson, Carl Burghardt, teach. agr., high-sch., Walla Walla, Wash.

Asst. bot., Oberlin Coll., 1906-7; instr. biol. sci., Oberlin Coll. Acad., 1907-11; State Normal, Moorhead, Minn., 1911-4; instr. agrl. educ., Univ. Ida., 1915-20; state superv. voc. agr. for Ida., 1918-20; teach. agr., high-sch., Pullman, Wash., 1920-2; present position, 1922-. —*b.* Penfield, O., Jan. 19, 1881; *s.* R. N. and Elsie L. (Hawk) W.; reared on farm; *m.* Genevieve L. Lang, July, 1906; *c.* Grover, Jas. A.B., Oberlin Coll., 1906; M.A., 1909; B.S., Ia. State Coll., 1916. Phi Beta Kappa.

Wilson, Charles Scoon, fruit-grower, Hall, Ontario Co., N. Y.

Instr. hort., Cornell Univ., 1905-7; asst. prof., 1907-10; prof. pom., 1910-5; comnr. of agr., 1915-20. N. Y. State Fair comnr., 1915-20; mem. N. Y. State Defense Council, 1917-; chm. N. Y. State Food Supply Comn., 1917. Pres. Nat. Assoc. Comnrs. Agr.; pres. N. Y. State Hort. Soc., 1923-4; sec. W. N. Y. Fruit Growers' Coop. Packing Assoc., Inc., 1921-5. —*b.* Hall, N. Y., Dec. 11, 1879; *s.* Thos. B. and Margaret (Scoon) W.; reared on farm; *m.* Ada Louise Miller; *c.* Margaret Scoon, Thos. Miller. B.S., Cornell Univ., 1904; M.S.A., 1905. Alpha Zeta.

Wilson, Clarence Paret, chem. in chg. Res. Lab., Calif. Fruit Growers Exchange, Corona, Calif.

Asst. chem., Bur. Chem., U. S. Dept. Agr., 1907-16; manag. and chief chem., Exchange By-Products Co., 1916-20; present position, 1920-. (Citrus fruits and by-products, fruit juices, essential oils). —*b.* Baltimore, Md., Dec. 26, 1885; *s.* Clarence and Mary Frances (Palmer) W.; reared in town; *m.* Mary Lillian Herring, Mar. 26, 1913; *c.* Mary Virginia, Paul Edward, Clarence P. Jr., Thos. Powell. B.S., Geo. Washington Univ., 1907. Sigma Phi Epsilon.

Wilson, Earl Julius, supt. State Agr. Exp. Substa. No. 16, Iowa Park, Tex.

Steward and farm manag., N. Mex. Hospital for Insane, 1913-7; co. agrl. agt., Hillsboro, 1918-9; special instr. agr., N. Mex. A. & M. Coll., 1923-4. —*b.* Kingston, N. Mex., June 8, 1885; *s.* Oliver and Marie Louisa (Head) W.; reared in mining and stock-raising section; *m.* Marjorie Proctor, Sept. 27,

1914; *c.* Helen Maxine, Earl J. Jr., Donald Proctor. B.S.A., N. Mex. A. & M. Coll., 1913; grad. student, 1923.

Wilson, Edwin Everett, co. agrl. agt., Kennebec, S. D.

Served in Field Art., U. S. Army, 1917-9. —*b.* Letcher, S. D., Mar. 3, 1895; *s.* John Edwin and Hortense Julia (McKune) W.; reared on farm and in town; *m.* Ruth J. Thayer, Sept. 19, 1922. B.S.A., Univ. Minn., 1923. Gamma Sigma Delta.

Wilson, Elsmer, ext. poultry specialist, La. State Univ., Baton Rouge, La.

Home dem. agt., Greenwood, Miss., 1919; Meridian, 1920; present position, 1921-. Supt. poultry club. dept., La. State Fair; sec.-treas., State Poultry and Egg Show; household ed., Times Picayune. —*b.* Crystal Springs, Miss., Apr. 8, 1898; *d.* J. E. and Addie (Johnson) W.; reared in town. M.P., Miss. State Coll. for Women, Columbus, 1917; B.S., 1919.

Wilson, Frederick Weston, prof. an. husb., Univ. Nev., Reno, Nev.

Asst. an. husb., in chg. farmers insts., Univ. Ariz., 1905-7; assoc. in chg. Exp. Sta. farm, 1907-9; prof., 1907-14; present position, 1914-. Nev. rep. for the Wool Div. of War Industries Bd. Supt. agrl. dept., Ariz. State Fair, 1905-9; supt. cattle dept., 1913-4. Sec. Ariz. State Cattle Growers Assoc., 1908-12; mem. bd. dirs., Amer. Corriedale Sheep Assoc. *Assoc. ed.*, Progressive Farmer, Southwestern Stockman. (Sheep, draft horses). —*b.* Graham Co., Kans., Aug. 4, 1882; *s.* Samuel Greeley and Lucy (Mellen) W.; reared in town; *m.* Clare Cave, Sept. 1, 1906; *c.* Tom Cave, F. W. Jr., Samuel Greeley. B.S.A., Kans. State Agr. Coll., 1905; M.S., Univ. Ill., 1913. Sigma Xi; Phi Kappa Phi.

Wilson, Garnet Roy, Dominion poultry rep., 347 St. George St., Moncton, N. B.

Distr. rep., Ont. Dept. Agr., 1 yr. Served in Canadian Army, 8 mos. —*b.* Merrickville, Ont., Dec. 5, 1895; *s.* Matthew and Jemimah (Lang) W.; reared on farm. B.S.A., Ont. Agr. Coll., 1918.

Wilson, Harley Frost, prof. econ. ent., Univ. Wis., Madison, Wis.

With U. S. Bur. Ent., 1908-10; Ore. Agr. Coll., 1910-5; present position, 1915-. (Aphididae). —*b.* Del Norte, Colo., Apr. 14, 1883; *s.* Thos. C. and Mary E. (Watson) W.; reared on farm and in city; *m.* Clara Louise McClain, Aug. 11, 1909; *c.* J. Robt., John Franklin. B.S., Colo. Agr. Coll., 1907; M.S., Ore. Agr. Coll., 1913. Sigma Xi; Sigma Nu; Alpha Gamma Rho.

Wilson, Harry Lawrence, cheese specialist, U. S. Dept. Agr., Boone, N. C.

Asst. instr., Cornell Univ., 1912-3; state creamery insp., Vt. State Dept. Agr., 1914-7; agt. dairying, U. S. Dept. Agr., 1918-20; cheese specialist, 1920-. Served in U. S. Marines, World War. —*b.* Manchester, N. H., Apr. 17, 1892; *s.* Giles G. and Minnie (Martin) W.; reared on farm; *m.* Verna MacDonald, Feb. 12, 1919. Student Cornell Univ.

Wilson, Harry Scott, distr. club agt., State House, Boise, Ida.

Rancher, 1906-13; dairy farmer, 1913-7; agrl. agt. Johnson Co., Kans., 1917-21; Caribou Co., Ida., 1922-5; club agt. S. W. Distr., Ida., 1925-. —*b.* Rural, Ill., Aug. 17, 1878; *s.* John Allen and Jennie (Scott) W.; reared on farm; *m.* Myrtle Snider, Jan. 12, 1915; *c.* Jennie Lorene, Howard Earl. Student Univ. Neb., 1901-5. Kappa Sigma.

Wilson, Horace S., teach. voc. agr. and princ. high-sch., Greensboro, Fla.

Truck and fruit-grower, Starke, Fla., 2 yrs. —*b.* Starke, Fla., Aug. 5, 1899; *s.* E. L. and Laura (Hogarth) W.; reared on farm; *m.* Adine Watson, July 29, 1922; *c.* Horace S. Jr. B.S., Univ. Fla., 1922, 1923. Kappa Sigma; Phi Kappa Phi; Alpha Zeta.

Wilson, Irl Donaker, head dept. vet. sci., Va. Poly. Inst., Blacksburg, Va.

Vet., hog cholera serum plant, 1914; practitioner vet. med., Blue Earth, Minn., 1914-6; instr. an. husb., Penn. State Coll., 1916-8; asst. prof., 1918-21; assoc. prof. 1921-2; prof. an. husb., 1922; prof. vet. sci., 1922-3; present position, 1923-. Recording sec. Pa. State

Vet. Med. Assoc., 1918-20. *Contr. ed.*, N. Amer. Veterinarian, 1920-. —*b.* Rockwell City, Ia., May 21, 1888; *s.* J. F. and Hattie (Donaker) W.; reared on farm; *m.* Belle Seely, Nov. 26, 1914; *c.* Irl D. Jr. D.V.M., Ia. State Coll., 1914; M.S., Penn. State Coll., 1918. Phi Sigma Kappa; Alpha Zeta.

Wilson, James, agrst., formerly Secretary of Agriculture, Traer, Ia.; Aug. 16, 1835-Aug. 26, 1920. See Rus 1920.

Wilson, James Everett, co. agrl. agt., Hinton, W. Va.

Served in Inf., U. S. Army, 1918. (Potatoes, live-stock). —*b.* Crawford, W. Va., Mar. 9, 1892; *s.* John Washington and Olive Elizabeth W.; reared on farm; *m.* Marie Frances Dovel, Feb. 2, 1924; *c.* Wanda Margaret. B.S.A., W. Va. Univ., 1923. Alpha Gamma Rho.

Wilson, James French, asst. prof. an. husb., Univ. Calif., Davis, Calif.

From Private to 1st. Lieut. Coast Art. Reserve Corps, U. S. Army. (Sheep and wool). —*b.* Stewartsville, Ind., Aug. 14, 1892; *s.* John Benson and Nellie (French) W.; *m.* Margaret Arnold, July 19, 1919; *c.* Mary Margaret, Robt., John. B.S., Univ. Wyo., 1913; M.A., Univ. Mo., 1916. Alpha Tau Omega.

Wilson, James Kenneth, prof. soil tech., Cornell Univ., Ithaca, N. Y.

Asst. bact., N. Y. State Exp. Sta., Geneva, 1906-11; asst. bot., Cornell Univ., 1911-4; asst. prof. soil tech., 1914-9; prof., 1919-. —*b.* Maryville, Mo., Aug. 5, 1881; *s.* Perry and Telitha (Prickett) W.; reared on farm; *m.* Ethel May Phelps, 1908; *c.* Geraldine Mary, Kenneth Phelps, Jeanne Marla. B.S., Okla. A. & M. Coll., 1906; Ph.D., Cornell Univ., 1915.

Wilson, James Wilbur, prof. agr. and an. husb. and dir. Exp. Sta., S. D. State Coll., Brookings, S. D.

Asst. prof. agr., Ia. State Coll., 1897; sec. to Sec. Agr., Washington, 1897-1900; present position, 1902-. Sec.-treas. S. D. Improved Live-Stock and Poultry Breeders Assoc. —*b.* Traer, Ia., Feb. 12, 1869; *s.* Jas. and Esther (Wilbur) W.; *m.* Elsie Chappel, Apr. 18, 1906. B.S.A., Ia. State Coll., 1896; M.S.A., 1898.

Wilson, John Melvin, teach. voc. agr., high-sch., Marlin, Tex.

Asst. prof. agrl. educ., Univ. Ark., 1909-10; prof., 1910-1; prof. ext., 1911-3; prof. agron., Distr. Agrl. Sch., Monticello, Ark., 1913-5; agrl. agt., Faulkner Co., 1915-7; teach. voc. agr. Texarkana, 1917-8; present position, 1919-. —*b.* Ark., May 28, 1882; *s.* C. J. and Jennie E. (Moore) W.; reared in town; *m.* Mamie Trent, 1910 (d. 1917); 2d, Lucile Rogers, Dec. 25, 1923; *c.* Mary Elizabeth, John M. Jr. B.S., Univ. Ark., 1907.

Wilson, Joseph Willis, co. agrl. agt., Winnemucca, Nev.

Dairy and stock farmer, 4 yrs.; co. agrl. agt., Yerington, Nev., 3 yrs. —*b.* Yerington, Nev., Feb. 16, 1891; *s.* J. I. and Carrie Ellen (Willis) W.; reared on farm. B.S.A., Univ. Nev., 1913. Phi Sigma Kappa.

Wilson, Maryetta, home dem. agt., Hayward, Calif.

Teach., Colo. Sch. Agr., Ft. Lewis Sch. Agr., 1914-9; Univ. Ariz., 1919; asst. prof. home econ., N. Mex. A. & M. Coll., 1919-20; instr. textiles, Univ. Ky., 1921; present position, 1923-. —*b.* What Cheer, Ia., May 2, 1890; *d.* Lanson Curtis and Mary E. (Leavenworth) W.; reared in town. B.S., Colo. Agr. Coll., 1913. Gamma Phi Beta.

Wilson, Maud Mathes, state home dem. leader, Wash. State Coll., Pullman, Wash.

Instr. home econ., Univ. Neb., 1913-5; in chg. home econ. ext., 1915-8; present position, 1918-. —*b.* Pike Co., Ill., July 6, 1883; *d.* Abraham Key and Mary Jane (Mathes) W.; reared in town. B.S., Univ. Neb., 1913. Omicron Nu.

Wilson, Meredith Chester, in chg. reports and efficiency studies, Off. Coop. Ext. Work, U. S. Dept. Agr., Washington, D. C.

Asst. agt., Tompkins Co., N. Y., summer, 1914; farm manag. dem., Vt. and N. H., 1914-6; co. agt. leader, N. H. Coll., 1916-8; agrst., co. agt. work for eastern states, States Relations Serv., U. S. Dept. Agr., 1918-21; acting in chg. div. ext. methods in organization, 1922; present position, 1923-. (Farm manag.). —*b.* Hebron, N. Y., Sept. 13, 1890; *s.* Henry Robt. and Caroline C. (McMillan) W.; reared on farm; *m.* Mary Ethel Denniston, July 1, 1916; *c.* Meredith C. Jr., Philip Hempstead, Donald Livingston. B.S., Cornell Univ., 1914.

Wilson, Milburn Lincoln, sr. agrl. econ. in chg. div. farm manag., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D.C.

Asst. ext. work, Ia. State Coll., 1907-8; farming in Neb. and Mont., 1908-11; field agt. agron., Mont. State Coll., 1911-3; agrl. agt., Custer Co., 1913-4; co. agt. leader, Mont. State Coll., 1914-22; ext. farm econ., 1922-4; present position, 1924-. —*b.* Atlantic, Ia., Oct. 23, 1885; *s.* John Wesley and Mary (Magee) W.; reared on farm; *m.* Ida E. Morse, Dec. 17, 1913. B.S.A., Ia. State Coll., 1907; M.S., Univ. Wis., 1921.

Wilson, Oswald, agrl. ed. and organizer, 433 California St., San Francisco, Calif.

Sec. Conservation and Development League for Western Waters; sec. Domestic Sugar Council; organizer and pres. State Farmers Alliance, Fla.; organizer and sec. Rice Growers Assoc. of Amer.; special agt., U. S. Dept. Agr. Founder and ed., Rice Industry of America, Irrigation and the New West Sugar Beet Journal. —*b.* Boston, Ga., Oct. 27, 1860; *s.* A. H. and Sallie (Groover) W.; reared on farm; *m.* Sara E. Glascock, July 23, 1884; *c.* Frank O., J. Harold.

Wilson, Robert Samuel, state agt. and asst. dir. ext., Miss. A.&M. Coll., Agricultural College, Miss.

State agt., U. S. Dept. Agr., 1909-16; present position, 1916-. Pres. Miss. State Community Congress. —*b.* Chickasaw Co., Miss., July 16, 1875; *s.* Wm. H. and Eleanor (Mauldin) W.; reared on farm; *m.* Fannie Maud Gunter, Dec. 12, 1911; *c.* Eleanor Frances. B.S., Miss. A. & M. Coll., 1904.

Wilson, Samuel Calhoun, head dept. teach.-training in voc. agr., Sam Houston State Teach. Coll., Huntsville, Tex.

Teach. in rural and consolidated schs.; supt. co. schs.; teach. summer sch., 1918, Knapp Sch. Country Life, Peabody Coll. —*b.* Huntsville, Tex., Jan. 5, 1877; *s.* Jas. Reed and Ella Louise (Calhoun) W.; reared on farm; *m.* Sammie Logan, Nov. 29, 1905; *c.* Logan, Calhoun Jr., Mary Elizabeth. Grad. Sam Houston Normal Coll., Peabody Coll.

Wilson, Thomas Burrel, farmer and fruit-grower, Hall, Ontario Co., N. Y.

Mem. N. Y. Assembly, 2 yrs.; state senator, 4 yrs. Pres. bd. of control, Agr. Exp. Sta., Geneva; mem. bd. trustees, Cornell Univ. and pres. Agr. Coll. Council. Pres. N. Y. State Fruit-Growers Assoc.; exec. com. N. Y. State Agrl. Soc.; pres. N. Y. State Bean Growers Assoc.; pres. Assoc. for Adv. Agrl. Educ. Traveled in British Isles, 1891. —*b.* Hall, N. Y., Dec. 12, 1852; *s.* John Crosier and Catherine Ann (Burrel) W.; reared on farm; *m.* Margaret A. Scoon, Feb. 28, 1877; *c.* Chas. Scoon, John Crosier, Mary Anna.

Wilson, Warren Hugh, minister, 156 Fifth Ave., New York, N. Y.

Ordained Presbyterian minister, 1894; pastor, Christ's Church, Quaker Hill, N. Y., 1894-9; Arlington Ave. Church, Brooklyn, 1899-1908; supt. Dept. Church and Country Life, Bd. Home Missions, 1908-; assoc. prof. educ., Teachers' Coll., Columbia Univ., 1914-24. Mem. Church and Country Life Com., Fed. Council of Churches of Christ in Amer. Vice-pres. Nat. Country Life Assoc.; pres. Intern. Missionary Agrl. Assoc. *Auth.*: Quaker Hill, 1907; The Church of the Open Country, 1911; The Evolution of the Country Community, 1912; The Church at the Center, 1914; The Second Missionary Adventure, 1915; The Farmers Church, 1925. —*b.* Tidioute, Pa., May 1, 1867; *s.* John S.

and Elizabeth (Hamilton) W.; reared on farm and in city; *m.* Pauline Lane; *c.* Margaret M., Julius L., John A., Agnes E. A.B., Oberlin Coll., 1890; B.D., Union Theol. Sem., 1894; Ph.D., Columbia Univ., 1908; D.D., Washington Coll., Tenn., 1912; D.D., Oberlin Coll., 1915; LL.D., Berea Coll., 1915.

Wilson, Wilford M., emeritus prof. meteorology, Cornell Univ., Ithaca, N. Y.

Lect., Cornell Univ., 1906; instr., 1907-10; prof., 1910-25; emeritus, 1925-. —*b.* Espyville, Pa., Jan. 24, 1860; *s.* Cyrus and Katherine (Mason) W.; reared in village; *m.* Winifred M. Hatch, Apr. 9, 1892; *c.* Wendell H., Kenneth M. M.D., Memphis Hospital Med. Coll., 1895. Phi Gamma Delta.

Wilson, Wilford Ross, co. agrl. agt., Woodsville, N. H.

Instr. dairying, N. H. Coll., 1912-5; asst. prof., 1915-8; present position, 1918-. (Dairying). —*b.* Espyville, Pa., Apr. 9, 1888; *s.* Andrew J. and Lina (Wilson) W.; reared on farm; *m.* Olive T. Cate, May 9, 1917. B.S.A., Cornell Univ., 1912. Alpha Tau Alpha.

Wilson, Willis Ray, clergyman, 202 S. Sacramento Blvd., Chicago, Ill.

Lect. rural church, Epworth League Insts., 1916-8; instr. country church, Chicago Training Sch., 1920-4; instr. rural church, Union Theol. Coll., 1923-. —*b.* Nora, Ill., Aug. 27, 1880; *s.* Robt. M. and Anna E. (Dixon) W.; reared in village; *m.* Alma L. Haas, Dec. 25, 1902 (d. 1919); 2d, Olive Ritzenthaler, 1922; *c.* Ray, Phyllis, Robt., Paul, Donald, Kathleen. Grad. Ganet Biblical Inst. 1909; B.Th., Union Theological Coll., 1922.

Wimer, David Cleveland, asst. prof. soil physics and asst. chief Exp. Sta., Univ. Ill., Urbana, Ill.

Asst. agron., Penn. State Coll., 1915-7; instr., 1917-9; asst. prof. soil tech., 1919-20; assoc. in soil physics, Univ. Ill., 1920-2; present title, 1922-. —*b.* Liberty Square, Pa., Mar. 4, 1893; *s.* Jeremiah A. and Mary Emma (Wade) W.; reared on farm. B.S., Penn. State Coll., 1915; M.S., 1921. Alpha Zeta.

Wimple, Andrew Jay, farmer and stockman, Beresford, S. D.

Breeder Wimple's yellow dent corn. —*b.* Stone Arabia, N. Y., Oct. 8, 1851; *s.* Joseph and Eliza (Yates) W.; reared on farm; *m.* Adelia LeSuer, July 9, 1877; *c.* Dilla E., Jesse L., Clara A.

Winchell, Jessie Agnes, asst. prof. and state superv. home econ. educ., Univ. Vt., Burlington, Vt.

Teach. high-sch., Bronxville, N. Y., 1912-9; Brantwood private sch., 1913-4; Scarborough high-sch., 1915-7; present position, 1919-. —*b.* Marshalltown, Ia., May 16, 1891; *d.* Frank Albert and Lizzie Agnes (Guilbert) W.; reared in city. B.S., Columbia Univ.; M.A., 1914.

Winchester, Harry Burdett, sales rep. Ralston Purina Co. Inc., Waterloo, Ia.

Asst. an. husb., Ia. Exp. Sta., 1917-8; assoc. prof. an. husb., Kans. State Agr. Coll., 1919-22; supt. farms and ranches, O'Neill, Neb., 1922-4; present position, 1924-. —*b.* Wilkes-Barre, Pa., Sept. 3, 1892; *s.* Byron B. and Della (Mandeville) W.; reared in city and on farm; *m.* Edith Voorhees, June 1919. B.S., Ia. State Coll., 1916; M.S., 1917. Phi Sigma Kappa; Alpha Zeta; Gamma Sigma Delta.

Winchester, Leonard Carl, teach. voc. agr. and supt. high-sch., W. Louisville, Ky.

Proprietor Sunbeam Poultry Farms, W. Louisville; sec. W. Louisville Purebred Poultry Assoc. Asst. prof. an. husb., Geo. Peabody Coll., summer 1925. Served in Hospital Corps, U. S. Navy, 1918-9. —*b.* Murray, Ky., Sept. 24, 1895; *s.* S. A. D. and Emily (Hendon) W.; reared on farm; *m.* Myrtie Purcell, Aug. 17, 1917; *c.* Emily Louise, Annie Marie, Buford Lewis. Grad. W. Ky. State Normal Sch. and Teach. Coll., 1920.

Wing, Andrew Staley, manag. ed. Farm and Fireside, 250 Park Ave., New York, N. Y.

With Wing Seed Co., 1915-7; assoc. ed., Farm and Fireside, 1919-23; manag. ed., 1923-. 2d Lieut. Inf. R. C., 1917-9. —*b.* near Mechanicsburg, O., Aug. 26 1892; *s.* Joseph E. and Florence (Sta-

ley) W.; reared on farm; *m.* Janet Fox, May 15, 1920; *c.* Janet Bullard, Florence Ann. B.S.A., Ohio State Univ., 1915. Phi Delta Theta; Sigma Delta Chi.

Wing, DeWitt Cosgrove, ed. The Breeders' Gazette, 542 S. Dearborn St., Chicago, Ill.

Farmer, Cooper Co., Mo., 1892-7; Wayne Co., Ill., to present. Invest. livestock, Europe, 1910, and British Isles, 1913, 1922. —*b.* LaMine, Mo., Feb. 16, 1878; *s.* DeWitt Clinton and Margaret Elisabeth (Kueckelhan) W.; reared on farm. Student Univ. Ill.; experimental work in farm crops on 18,000-acre Sibley Farms in Ford Co., Ill., 1902.

Wing, Henry Hiram, prof. an. husb., Cornell Univ., Ithaca, N. Y.

Asst. dir., N. Y. Exp. Sta., 1882-4; instr. agr. and farm supt., Univ. Neb., 1884-8; deputy dir. and sec., Cornell Univ. Exp. Sta., 1888-94; asst. prof. an. ind. and dairy husb., 1891-1903; prof. an. husb., 1903-. Fellow A. A. A. S. Sec. Neb. Dairymens Assoc., 1885-8; pres. N. Y. State Dairymens Assoc., 1909. *Auth.*: Milk and Its Products, 1897. (Dairy cattle). —*b.* New York City, Nov. 29, 1859; *s.* Phineas R. and Mary (Sands) W.; reared on farm; *m.* Lilian Watson, July 16, 1885; *c.* Lois Watson, Paul Watson, Ellen Watson. B.Agr., Cornell Univ., 1881; M.S.A., 1891. Sigma Xi.

Wing, Leon Walton Jr., farmer, Salinas, Calif.

Asst. dairy husb., Univ. Mo., 1915-7; instr. dairy husb., Ore. Agr. Coll., 1917-9; asst. prof., 1919-20; manag. Elkhorn Farm, Watsonville, Calif., 1921-3; vice-pres. and operative manag., Patrick Farms, Inc., 1923-. Served in aviation sect., U. S. Army, 9 mos. —*b.* Kansas City, Kans., Feb. 13, 1892; *s.* Leon Walton and Nannie Irene (McClelland) W.; reared on farm and in town. B.S.A., Univ. Mo., 1915; M.A., 1917. Sigma Xi; Alpha Zeta; Gamma Sigma Delta; Gamma Alpha.

Winkjer, Joel G., assoc. dairy husb., Bur. Dairying, U. S. Dept. Agr., Washington, D. C.

Minn. creamery insp., 1905-7; asst. dairyman, U. S. Dept. Agr., 1907-11; dairy and food comnr., Minn., 1911-5; present position, 1915-. —*b.* Moe, Douglas Co., Minn., Dec. 31, 1870; *s.* Gunder T. and Karen Anna (Helle) W.; reared on farm; *m.* Helga Elizabeth Eggen, Aug. 7, 1898; *c.* Guy Archibald, Thelma Halsan. Student Univ. Minn.

Winkler, Charles Herman, dean Sch. Educ. and dir. summer sch., Tex. A. & M. Coll., College Station, Tex.

Instr. agrl. educ., Univ. Tex., 1909-16; teach. agr. and educ., Geo. Peabody Coll., summer 1916; asst. prof. agrl. educ., W. Va. Univ., 1916-7, prof. 1917-23; present position, 1923-. —*b.* The Grove, Tex., Dec. 5, 1878; *s.* Chas. A. and Katherine (Huber) W.; reared on farm; *m.* Adeline Wild; *c.* Bruno, Max, Carl, Betty Jane, Mary Beth. B.S., Univ. Tex., 1904; M.A., 1914; Ph.D., Univ. Mo., 1916. Sigma Xi; Phi Delta Kappa; Sigma Kappa Zeta.

Winks, Orlando Vanderbilt, teach. agr., high-sch., Garrett, Ind.

Private U. S. Marine Corps, World War. —*b.* Williamsport, Ind., Aug. 6, 1898; *s.* Orlando L. and Mary P. (Vanderbilt) W.; reared on farm and in city. B.S.A., Purdue Univ., 1924. Alpha Zeta; Phi Kappa Tau; Tau Kappa Alpha; Kappa Delta Pi.

Winright, George L., co. agrl. agt., Salem, S. D.

b. Roswell, S. D., Oct. 26, 1892; *s.* C. S. and Nettie (McCullough) W.; reared on farm. B.S., S. D. State Coll., 1917; M.S., 1918.

Winslow, James Patrick, co. agrl. agt., Brookville, Pa.

Farmer, 1916-21; present position, 1921-. —*b.* Benezette, Pa., Aug. 10, 1894; *s.* E. J. and Walburger (Reiter) W.; reared on farm; *m.* Mabel Whitaker, Sept. 14, 1922; *c.* Jimmie Whitaker. B.S., Penn. State Coll., 1916. Alpha Zeta.

Winsor, Luther M., irrig. engin., U. S. Dept. Agr. and Utah Agr. Coll., Logan, Utah.

Agrl. adv., ext. div., Utah Agr. Coll., 1911-2; co. agt., San Louis Valley, Colo., 1912-3; present position, 1913-. Sent to Chile by Guggenheim Bros. to invest. agrl. possibilities, 1919. —*b.* Hebron, Utah, Jan. 21, 1884; *s.* Anson Perry and Sara A. (Terry) W.; reared on farm; *m.* Beatrice Snow, 1914; *c.* Pauline, Beatrice, Luther Snow, Muriel. B.S., Utah Agr. Coll., 1911; grad. student, 1921, Univ. Calif., 1922-3. Gamma Sigma Delta; Phi Kappa Phi.

Winter, Wilber McKelvey, specialist in transportation, Bur. Markets, U. S. Dept. Agr., Washington, D. C.; deceased. See Rus 1920.

Winters, Harry Boyd, deputy comnr. agr. and dir. state inst. farms, Dept. Farms and Markets, Albany, N. Y.

Pres. Winters Farms Inc., Albany, N. Y. Sec.-treas. Certified Milk Producers Assoc. of Amer.; treas. N. Y. State Agrl. Soc.; dir. N. Y. State Breeders Assoc.; dir. Holstein-Friesian Breeders Club of N. Y. Owner Nicholls Knitting Mills; pres. Tioga and Nichols Bridge Co. —*b.* Smithboro, N. Y., Oct. 15, 1870; *s.* Joseph and Sarah E. (Carpenter) W.; reared on farm; *m.* Helen M. VanKirk, Dec. 6, 1898; *c.* Lee, Katherine.

Winters, Henry Hunter, prof. and head dept. agr., Stover Coll., Harper's Ferry, W. Va.

Present position, 1903-; co. club agt.; special agt., U. S. Dept. Agr. —*b.* Jefferson Co., W. Va.; *s.* John and Anna W. (col.); reared on farm; *m.* Elizabeth Cornellia Lincoln, Feb. 22, 1892; *c.* Ava Ellen, Florida Anna Ellen, Henry Harvey, Lincoln Hall. Grad. Stover Coll., 1880.

Winters, Laurence Merriam, prof. an. husb., Univ. Sask., Saskatoon, Sask.

Stock farmer, S. Minn., 1913-7; present position, 1920-. Private U. S. Army, World War. *Auth.*: Animal Breeding, 1925. —*b.* Lake City, Minn., June 15, 1891; *s.* Fred W. and Fredrica (Issensee) W.; reared on farm; *m.* Ellen Caspari, Nov. 30, 1917. B.S., Univ. Minn., 1919; M.S., Ia. State Coll., 1920. Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

Winters, Nathaniel Elmer, chief cotton production div., Dept. Agr. of Republic of Argentina, 882 Bulevard Galvez, Sante Fe, Argentina.

Prof. agr., Okla. State Normal, Durant, 1911-2; state agt. boys club work, Okla., 1912; supt. Tex. Substa., Angleton, 1912-8; ext. agron., N. C. State Coll., 1918-9; specialist soil fert., Clemson Agr. Coll., 1919-22; chief div. boll-weevil control, U. S. Dept. Agr., Florence, S. C., 1923; present position, 1924-. —*b.* Fall River, Kans., July 3, 1886; *s.* Martin and Sarah A. (Martin) W.; reared on farm; *m.* Ethel Winona McCollom, Dec. 24, 1911; *c.* Nathaniel Elmer, Richard Lee, Ruth Blanche, Wm. Martin, Ethel Winona. B.S., Okla. A. & M. Coll., 1911; M.S., Tex. A. & M. Coll., 1918; Ph.D., Cornell Univ., 1923. Phi Kappa Phi; Sigma Xi.

Winters, Rhett Youmans, plant-breeding agron., N. C. Exp. Sta., W. Raleigh, N. C.

Asst. bot., Fla. Exp. Sta., 1906-9; asst. plant-breeding, Cornell Univ., 1911; instr., 1912; present position, 1913-. Contr. to Book of Rural Life. —*b.* Society Hill, S. C., Mar. 9, 1886; *s.* David L. and Dora (Sompayrac) W.; reared on farm; *m.* Elizabeth Washington Knox, June 18, 1917; *c.* Elsa, Rhett Jr., Dora. B.S., Clemson Agr. Coll., 1906; M.S., Univ. Fla., 1909; Ph.D., Cornell Univ., 1911. Sigma Xi; Phi Kappa Phi.

Wirt, Frederick Alfred, advertising manag., J. I. Case Threshing Machine Co., Racine, Wis.

In chg. farm mach. dept., Kans. State Agr. Coll., 1913-7; manag. publicity dept., John Deere Plow Co., Kansas City, 1917-8; prof. farm mach., Univ. Md., 1918-9; sales promotion manag., Emerson Brantingham Implement Co., Harrisburg, Pa., 1920-1; prof. agrl. engin., Univ. Ark., 1921-2; ed. Case Eagle, J. I. Case Threshing Machine Co., 1922-4; present position, 1924-. Chm. farm power and mach. division, Amer. Soc. Agrl. Engin. *Auth.*: A Laboratory Manual in Farm Machinery, 1917. —*b.* Omaha, Neb., Sept. 1, 1891; *s.* Alfred and Frances E. (Banker) W.; reared in town; *m.* Louise Fewell, Nov. 28,

1917. B.Sc. in C.E., Univ. Neb., 1913. Sigma Phi Epsilon; Sigma Tau.

Wisdom, John Abner, instr. voc. agr., high-sch., Chillicothe, Mo.

b. St. Catherine, Mo., Nov. 11, 1884; *s.* John Greenleaf and Mary Fanny (Redding) W.; reared on farm; *m.* Frances Monson, June 18, 1919 (d. 1920); 2d, Lena Olga Wilson, June 3, 1922. B.S.A., Univ. Mo.; grad. student Ohio State Univ., Cornell Univ.

Wise, Furman Bryant, sec.-treas. Rice Millers Assoc., 605 Audubon Bldg., New Orleans, La.

Farmer, S. C., 1908-10; formerly specialist in grain standardization, U. S. Dept. Agr. —*b.* Hyman, S. C., Feb. 6, 1888; *s.* Cornelius McDuffie and Elizabeth Caroline (Myers) W.; reared on farm; *m.* Cordelia Eleanor Worthington, July 15, 1913. B.S., Clemson Agr. Coll., 1908; M.S., Univ. Wis., 1911.

Wise, Leslie O., co. agrl. agt., Morrison, Ill.

b. Page Co., Ia., July 20, 1878; *s.* John W. and Neva (Reynolds) W.; reared on farm; *m.* Floy M. Foor, Sept. 26, 1907; *c.* Mildred, Donald, Mabel, Leslie Jr., Floy Jean. B.S., Ia. State Coll., 1913; M.Agr., 1920. Alpha Gamma Rho.

Wise, Lewis W., co. agrl. agt., Watseka, Ill.

b. Cerro Gordo, Ill., Dec. 28, 1875; *s.* Jacob and Elizabeth (Kuns) W.; reared on farm; *m.* Jane Parker Bowdle, Feb. 16, 1905; *c.* Margaret, Harriet Bowdle. B.S.A., Univ. Ill., 1904. Alpha Zeta.

Wise, W. S., farmer, Meadville, Pa.

Dir. Dairymens Coop. Sales Co., 1918-22, sec., 1918; dir. Penn. Farmers Coop. Fed., 1921-2; trustee Penn. State Coll., 1925-. —*b.* near Meadville, Pa., Nov. 22, 1861; *s.* Samuel and Mary (Mosier) W.; reared on farm. Student Allegheny Coll.

Wiseltier, Bernard, lands. arch., Nat. City Bldg., 17 E. 42nd St., New York, N. Y.

Instr. art., High-Sch. of Commerce, N. Y. City, 1914-6; formerly in lands. arch. offices of Ferruccio Vitale, A. F. Brinckerhoff, H. A. Caparn. Dir. Garden Serv. Co., N. Y. Mem. Amer. Soc. Lands. Archs., 1920-4; mem. Arch. League of N. Y., 1920-; received honorable mention Own Your Home Expos., N. Y., 1921. With U. S. Housing Corp., World War. —*b.* Paris, France, Oct. 8, 1891 (naturalized as minor); *s.* Leon and Annette (Portnow) W.; reared in town and country; *m.* Lily B. Fenigston, 1917. B.S., Cornell Univ., 1914.

Wisker, Aubrey Lee, fruit-grower, nurseryman, farmer, Grass Valley, Calif.

Farmer, Mo., 5 yrs., Nev., 6 yrs.; manag. Loma Rica Nursery, Calif., 1910-; newspaper pub. and commercial printer, Sedalia, Mo., 4 yrs.; mine supt. and manag., N. Mex., Ariz., Nev., 5 yrs. Mem. farm labor com., State Council Nat. Defense. Dir. Calif. Fruit Exchange; vice-pres. Pacific Nurserymens Assoc., 1916; vice-pres. Calif. Nurserymens Assoc., 1919. (Pear culture). —*b.* St. Louis, Mo., Mar. 24, 1871; *s.* J. H. M. Van Buren and C. Annie (Lay) W.; reared in city and on farm; *m.* Josephine Kaiser, Jan. 10, 1895; *c.* Mildred M., Margaret A., Aubrey N.

Withers, William Alphonso, prof. chem. and vice-pres. N. C. State Coll., and chem. Exp. Sta., W. Raleigh, N. C.; May 31, 1866-June 20, 1924. See Rus 1920.

Withycombe, Robert, supt. E. Ore. Branch Exp. Sta., Union, Ore.

Asst. supt., E. Ore. Branch Exp. Sta., 1902-5; supt., 1905-. Mayor of Union, 1912-3; pres. Union Live-stock Assoc., 1910-24. (Agron.). —*b.* Portland, Ore., Aug. 29, 1880; *s.* James and Isabell (Carpenter) W.; reared on farm and in city; *m.* Mabel E. Hutchinson, Jan. 25, 1916; *c.* Robt. Jr., Isabell, Jas. Wm., Carolyn. B.S., Ore. Agr. Coll., 1901; student Univ. Ill., 1907-8. Alpha Zeta.

Witter, Daniel Parrish, farmer, Berkshire, N. Y.

Dairy and poultry farmer, 1873-; conductor farmers insts., 1876-1917;

adv. in inst. ext., Cornell Univ., 1918-. Mem. N. Y. State Assembly, 15 yrs. Pres. N. Tioga Fair Assoc.; pres. State Dairymens Assoc. —*b.* Richford, N. Y., July 2, 1852; *s.* Asa and Delia (Torry) W.; reared on farm; *m.* Sarah Belden, Mar. 1, 1876; *c.* Grace Deane, DeBert Belden.

Wixom, Rupert E. Lee, teach. agr., high-sch., Etna Mills, Calif.

Formerly teach. agr., Thatcher, Ariz. —*b.* Washington, Utah, Mar. 12, 1882; *s.* Patrick Henry McGuire and Annie E. (Lee) W.; reared on farm; *m.* Sarah Middleton, June 20, 1906; *c.* Alice, Wm. Henry, Viola, Lee, Azile, John F. B.S., Univ. Calif., 1918.

Woelfle, Frederick, dir. agr., Boys High-Sch., Paterson, N. J.

Teach. sci., high-sch., Hicksville, N. Y., 1914-7; princ. Great Neck Sta. Sch., 1917-8; head sci. dept., high-sch., Norwalk, Conn., 1918-9; res. physicist W. Electric Co., 1918; present position, 1919-. —*b.* Brooklyn, N. Y., Feb. 4, 1890; *s.* Louis and Bertha (Nick) W.; reared in city and country; *m.* Mary Edna Turner, Jan. 23, 1913. B.S.A., Rutgers Coll., 1912; M. A., N. Y. Univ., 1925.

Woglum, Russell Sage, ent., Calif. Fruit Growers Exchange, and acting state ent., Los Angeles, Calif.

Instr. ent. N. C. A. & M. Coll., 1905-7; ent., Bur. Ent., U. S. Dept. Agr., 1907-20; present position, 1920-. Introduced hydrocyanic acid fumigation into Spain, 1910; traveled in India and Orient in search of natural enemies of citrus white fly, 1910-2; standardized orchard fumigation in Calif. —*b.* N. Bay, N. Y., Aug. 3, 1882; *s.* Cornelius and Ella (Godfrey) W.; reared on farm and in city; *m.* Mabel Frommer Clayton, Apr. 11, 1912. A.B., Cornell Univ., 1904; M.S.A., 1905. Sigma Xi; Gamma Alpha.

Wolcott, George N., ent., Barneveld, N. Y., or Port-au-Prince, Haiti.

With U. S. Bur. Ent., 1910; traveling ent., Bd. Comn. Agr., Porto Rico, 1912; ent. Insular Exp. Sta., Rio Piedras, Porto Rico, 1914 and 1920-4; specialist in insects transmitting diseases of sugarcane, U. S. Dept. Agr., 1919; Service Technique, Port-au-Prince, Haiti. Served in Art., U. S. Army, with A. E. F. — *b.* Yorkville, N. Y., July 12, 1889; *s.* David C. and Marion D. (Benedict) W.; reared in town; *m.* Magdalen Ames, Apr. 21, 1919. B.S., Cornell Univ., 1909; M.S., 1913; Ph.D., 1925.

Wolf, George P., farmer, Colfax, N. D.

Princ. grade sch., Randen Lake, Wis., 1904-5; instr. high-sch., Grand Rapids, 1910-1; princ. high-sch., Menomonie, 1911-2; instr. chem. and agr., State Sch. Sci., Wahpeton, N. D., 1912-6; princ. Dunn Co. Sch. Agr., Wis., 1917; agt. Richland Co., N. D., 1918-20; asst. co. agt. leader, N. D. Agr. Coll., Colfax, N. D.; manag. Wolf Bros. Farms, 1920-. —*b.* Wis., Mar. 4, 1883; *s.* Paul and Anna (Wiesner) W.; reared on farm; *m.* Frances Mayers, June 18, 1914; *c.* Geo. P. Jr., David A., Robt. J. B.A., Univ. Wis., 1910; M.A., 1912; B.S., 1917.

Wolfe, Thomas Kennerly, prof. agron. and agron. Exp. Sta., Va. Poly. Inst., Blacksburg, Va.

Asst. agron., Va. Poly. Inst., 1914-5; instr., 1915-6; asst. agron. Exp. Sta., 1915-7; assoc. prof. agron. and assoc. agron. Exp. Sta., 1917-23; prof., 1923-. *Co-auth.*: Production of Field Crops. —*b.* Elkton, Va., July 14, 1892; *s.* J. H. and Elizabeth (Coffman) W.; reared in town and on farm; *m.* Helen Hughes, June 27, 1923. B.S., Va. Poly. Inst., 1914; M.S., 1915; Ph.D., Cornell Univ., 1921. Sigma Xi; Phi Kappa Phi.

Wolff, William Hy., pres. and manag. Riverdale Nurseries, W. Springfield, Mass.

In commercial nursery work with Hoopes Bros. & Thomas Co., West Chester, Pa., 1906-10; assoc. prof. pom., N. H. Coll., and asst. hort. Exp. Sta., 1910-9; co. hort. agt. Hampden Co., Mass., 1919-24; present position, 1924-. —*b.* Hamilton, Bermuda, Dec. 24, 1880; *s.* Edward Wm. and Annie Elizabeth (James) W.; *m.* Charlotte A. Tower, 1913; *c.* Emily T., Mary. B.S., Penn. State Coll., 1906; M.S., 1911. Alpha Zeta.

Wolfram, Julius August, co. agrl. agt., Webster Springs, W. Va.

Chem., Blue Valley Creamery Co., Chicago. —*b.* Ft. Atkinson, Wis., Jan. 29, 1892; *s.* John and Sidonia (Kiklow) W.; reared on farm. B.S.A., Univ. Wis., 1918. Tau Kappa Epsilon.

Wolkoff, Michael Ivanovitch, assoc. ed. Russian Daily Herald, 226 E. 56th St., Chicago, Ill.

First asst. soil fert., Univ. Ill., 1919-20; assoc., 1920-2; assoc. in soil survey analysis, 1922; present position, 1924-. Chem. for Darling & Co., Chicago. Fellow A. A. A. S. *Auth.*: (with N. Borodin) American Agriculture During the War, 1918 (in Russian). (Soil fert. and chem.). —*b.* Russia, Sept. 13, 1886 (naturalized 1925); *s.* Ivan and Maria (Barkoff) W.; reared on farm; *m.* Maria Evfimova, 1914; *c.* Victor, Eugene, Lidia. B.S., Mich. Agr. Coll., 1915; M.S., 1916; Ph.D., Rutgers Coll., 1918.

Woll, Fritz Wilhelm, prof. an. nutr., Univ. Calif., Davis, Calif.; May 23, 1865-Dec. 5, 1922. See Rus 1920.

Wollschlaeger, Lena Lloyd, home dem. agt., Pearsall, Tex.

Teach. rural sch., 1 yr., high-sch., 1 yr. —*b.* Boerne, Tex., July 11, 1900; *d.* Gus and Louise (Pfeiffer) W.; reared on farm. Student S. W. Tex. Teach. Coll. and Univ. Tex.

Womack, Mark S., co. agrl. agt., Manchester, Tenn.

Formerly co. agrl. agt., Monticello, Ga. Served in U. S. Army, June-Dec. 1918. —*b.* Hohenlinden, Miss.; *s.* H. H. and V. V. (Bingham) W.; reared on farm. B.S., Miss. A. & M. Coll., 1912; student Univ. Penn., 1 yr.

Wood, Casper A., teach. agr., high-sch., Kingston, Okla.

Teach. sci. and agr., Centerville, Ala., 1911-2; instr. soils, Tex. A. & M. Coll., 1912-4; asst. prof. agron., 1914-5; assoc. prof., 1915-23; agrl. agt. Johnson Co., Kans., 1923-4; present position, 1924-. —*b.* Waseca, Minn., Feb. 2, 1879; *s.* Geo. H. and Jennie M. (Deverell) W.; reared on farm; *m.* Lottie Belle Snyder, Aug. 16, 1905; *c.* Geo. Alanson, Faith Alice. B.S., Kans. State Agr. Coll., 1911; M.S., Tex. A. & M. Coll., 1915.

Wood, Curtis Alexander, teach. agrl. educ., State Normal Sch., Fayetteville, N. C.

Sergeant, U. S. Army, 1918-9. —*b.* Yancey Mills, Va., Apr. 14, 1896; *s.* John H. and Sallie E. (Wood) W. (col.).; reared on farm. Student Hampton Inst.

Wood, Diller Clement, ext. asst. prof. farm manag., Univ. Mo., Columbia, Mo.

Asst. prof. farm manag., Univ. Mont., 1915-6; farm manag. dem., Univ. Mo., 1916-8. Sec. Mo. Farm Manag. Assoc., 1915-8. Traveled in Europe. —*b.* Quincy, Ill., Apr. 28, 1883; *s.* Benj. F. and Jewel E. (Turner) W.; reared in town; *m.* Romaine Roach, Aug. 29, 1917. B.S.A., Univ. Mo., 1915. Sigma Nu.

Wood, Frank Leslie, provincial poultry supt., N. B. Dept. Agr., Fredericton, N. B.

Present position, 1921-. Sec. N. B. Poultry Exchange. —*b.* Carters Point, N. B., Feb. 12, 1894; *s.* Thos. Frederick and Lettie Marcia (Wetmore) W.; reared on farm; *m.* Inez Evans Johnston, Aug. 23, 1922; *c.* Marcia Jean. B.S.A., Toronto Univ., 1921.

Wood, Henry Evelyn, asst. dir. ext. serv., Man. Agr. Coll., Winnipeg, Man.

Lect. an. husb. ext., Man. Agr. Coll., 1918-9; dir. boys and girls clubs, 1919-23; present position, 1923-. —*b.* Belmont, Man., Mar. 6, 1891; *s.* O. S. and Maud (Wigham) W.; reared on farm. B.S.A., Univ. Man., 1918.

Wood, Ivan Daley, ext. engin., Univ. Neb., Lincoln, Neb.

Instr. rural arch., Univ. Neb., 1913. 2d Lieut. Air Serv., U. S. Army. Contr. to Book of Rural Life. (Rural arch.). —*b.* LaPlatte, Neb., Oct. 17, 1888; *s.* Marion F. and Lucretia (Daley) W.; reared on farm; *m.* Dorothy Good, Oct. 15, 1915. B.Sc., Univ. Neb., 1912; M.Sc., 1913. Alpha Zeta; Sigma Tau; Gamma Sigma Delta.

Wood, Jesse Albert, co. agrl. agt., Shoals, Ind.

1st Lieut. Field Art., U. S. Army, 1917-9; Capt. O. R. C. —*b.* Bedford, Ind., Feb. 12, 1889; *s.* John Lewis and Clara Isis (Johnson) W.; reared on farm; *m.* Lulu May Stevens, Feb. 10, 1918; *c.* John Lewis, Jeanne Allison. Grad. Ind. State Normal, 1910; B.S.A., Purdue Univ., 1919.

Wood, Mildred Loyal, state nutr. specialist, Mass. Agr. Coll., Amherst, Mass.

Instr. home econ., Rockford Coll., Ill., 1912-5; high-sch., Sioux City, Ia., 1915-7; home dem. agt. Webster Co., 1917-9; urban home dem. agt., St. Paul, Minn., 1920-4; present position, 1924-. Contr. to Book of Rural Life. —*b.* Saline, Mich., Feb. 19, 1892; *d.* Ira E. and Ada C. (Cobb) W.; reared on farm. A.B., Rockford Coll., 1912.

Wood, Milo Nelson, assoc. pom., U. S. Dept. Agr., 409 Native Sons Bldg., Sacramento, Calif.

Lab. asst. agrl. chem., Univ. Calif., 1916; asst. bot., 1917-8; asst. pom., 1919-20; present position, 1920-. *Auth.*: School Agriculture, 1915; (with Stubenrauch and Booth) Horticulture for Schools, 1922. —*b.* Linwood, Wis., Apr. 28, 1883; *s.* L. H. and Ida (Jacobson) W.; reared on farm; *m.* Elizabeth Young, Sept. 30, 1920; *c.* Elizabeth Ida. B.S., Univ. Calif., 1917; M.S., 1924.

Wood, T. Gilbert, agrl. agt., Norfolk and Western Ry. Co., Roanoke, Va.

Student asst. field crops and bot., Va. Poly. Inst., 1900-3; instr. hort. and bot., 1903-5; assoc. prof., 1905-8; dir. agrl. educ., 4th and 6th Congressional distrs., Va., 1908-12; agrl. agt., Southern Ry. system, 1912-7; present position, 1917-. —*b.* Albemarle Co., Va., July 10, 1881; *s.* T. D. and Susie (Gilbert) W.; reared on farm; *m.* Anne Virginius Bidgood, May 14, 1914. B.S., Va. Poly. Inst., 1901; M.S., 1903.

Woodbury, Charles Goodrich, head. bur. raw products research, Nat. Canners Assoc., Washington, D. C.

Asst. hort., Purdue Exp. Sta., 1906-8; assoc., 1908; asst. prof. hort., Purdue Univ., 1909-11; head dept., 1911-7; dir. Ind. Exp. Sta., 1917-20. Sec. Ind. Hort. Soc., 1909-11, pres., 1913-7; sec. Ind. Apple Show Com., 1911-3. Fellow A. A. A. S. (Hort.). —*b.* Portland, Mich., Apr. 30, 1884; *s.* Chester Downer and May (Goodrich) W.; reared in town and country; *m.* Marion Benjamin, June 23, 1908; *c.* Barbara Anne, Richard Benj., Charles Benj. B.S., Mich. Agr. Coll., 1904; M.S., 1906. Sigma Xi; Alpha Zeta; Alpha Gamma Rho.

Woodman, David, co. agrl. agt., Bad Axe, Mich.

Agrl. agt., Alpena Co., Mich., 1916-7; Cass Co., 1918-9; coop. manag., Lawrence, 1922; S. Haven, 1923; present position, 1924-. —*b.* Paw Paw, Mich., Aug. 9, 1887; *s.* Jason and Fannie (Buckhout) W.; reared on farm; *m.* Verna Beach, Dec. 1, 1914; *c.* Robt., Margaret. Student Mich. Agr. Coll., 3 yrs.

Woodman, Jason, farmer, Paw Paw, Mich.

Mem. State Bd. Agr., 1912-23; lect. Mich. State Grange, 1886-94. Mem. State Senate, 1903-7. —*b.* Paw Paw, Mich., June 2, 1860; *s.* David and Jane (Harris) W.; reared on farm; *m.* Fannie Buckhout, Oct. 26, 1882; *c.* Cora, Thos., David, John. Grad. Mich. Agr. Coll., 1881; D. Agr., 1924.

Woodruff, Herbert Emerson, co. agrl. agt., Thomaston, Ga.

Instr. math. and sci., A. & M. Sch., Statesboro, Ga., 1922-3; instr. voc. agr., 1923; high-sch., Braselton, 1923-4; Powder Springs, 1924; agrl. agt. Upson Co., 1925-. Field agt. Ga. Cotton Growers Coop. Assoc. Served in Field Art., U. S. Army, 1918-9. —*b.* Winder, Ga., Mar. 6, 1899; *s.* Joseph H. L. and Susan Savannah (Edwards) W.; reared on farm. B.S.A., Univ. Ga., 1922.

Woodruff, Lewis M., co. agrl. agt., Onida, S. D.

In Mex. Border Serv., 1916-7; A. E. F., 1918-9. —*b.* Wessington, S. D., Sept. 21, 1890; *s.* Hubert W. and Amy E. (Vaughn) W.; reared on farm; *m.*

Constance M. Noste, Aug. 22, 1922; *c.* Hubert Warren, Vaughn Noste. B.S., S. D. State Coll., 1920.

Woods, Albert Fred, pres. Univ. Md. and exec. officer State Bd. Agr., College Park, Md.

Asst. bot., Univ. Neb., 1890-3; asst. chief and physiologist, Div. Veg. Path., U. S. Dept. Agr., 1894-9; chief Div. Veg. Physiology and Path., 1899-1900; chief path. and physiologist and asst. chief Bur. Plant Ind., 1900-10; dean agr. and for. and dir. Exp. Sta., Univ. Minn., 1910-7; pres. Md. State Coll., 1917-20; present position, 1920-. Fellow A. A. A. S. U. S. del. to Inst. Agr., Rome, 1905; Intern. Bot. Congress, Vienna, 1905. Chm. div. states relations, Nat. Res. Council; pres. Assoc. Land-Grant Colleges; pres. Amer. Hort. Soc.; chm. S. Md. Immigration Comn.: chm. public health com., Prince George's Co. Community Council. Mem. Md. Acad. Sci., Washington Acad. Sci. *Auth.*: Flora of Nebraska, 1894. (Phytopath., plant physiol.). —*b.* Belvidere, Ill., Dec. 25, 1866; *s.* Fred M. and Eliza O. (Eddy) W.; reared on farm; *m.* Bertha Gerneaux Davis, June 1, 1898; *c.* Mark Winton, Winton DeReyster. B.Sc., Univ. Neb., 1890; A. M., 1892; D.Agr., 1913; LL.D., St. John's, Annapolis, 1922. Sigma Xi; Gamma Sigma Delta (pres.); Alpha Zeta.

Woods, Charles Dayton, agrst., Ellsworth, Me.; Sept. 11, 1856-Mar. 30, 1925. See Rus 1920.

Woods, Harry Morgan, farmer, Ellsworth, Me.

Farmer, 1910-2; Brewer, Me., 1912-4; princ. and instr. agr., Freedom Acad., Freedom, Me., 1916-20. Sergeant Field Art., U. S. Army, 1917-8; 2d Lieut. Tank Corps, 1918-9; served with A. E. F. —*b.* Middletown, Conn., Mar. 27, 1890; *s.* Chas. D. and Mary (Morgan) W.; reared in village; *m.* Annie H. Gilbert, Sept. 24, 1913; *c.* Nancy C. B.A., Univ. Me., 1909. Kappa Sigma.

Woodward, Carl Raymond, ed. and sec., N. J. Agr. Exp. Sta., and State Coll. Agr., New Brunswick, N. J.

Teach. rural schs., 1908-10; with Monmouth Co. Farmers Exchange, summers 1910-2; teach. math. and sci., high-sch., Madison, N. J., 1914-5; teach. agron., Rutgers Coll., summer 1914; ed. N. J. Agr. Exp. Sta. and State Coll. Agr. (Rutgers), 1915-; librarian, 1915-7; sec. Coll. Agr., 1921-; instr. English, Rutgers Coll., 1920-. Pres. Amer. Assoc. Agrl. Coll. Editors, 1921-2; sec. N. J. Newspaper Inst. Com., 1922-3, chm. 1924. *Auth.*: (with Frank App) The Farmer and His Farm, 1924. —*b.* Tennent, N. J., July 20, 1890; *s.* Wm. Henry and Edith Augusta (Reid) W.; reared on farm; *m.* Lulu Altha Ryno, Apr. 5, 1916; *c.* Carl R. Jr., Mildred Ryno. B.S., Rutgers Coll., 1914; M.A., 1919; student Cornell Univ., 1923-4. Phi Beta Kappa; Phi Delta Kappa; Phi Gamma Delta.

Woodward, Edwin Garver, farmer and Guernsey breeder, Grassland Farms, Taconic, Conn.

Asst. dairying, Univ. Mo., 1911-3; adj. prof., Univ. Neb., 1913-4; asst. prof., 1914-5; assoc. prof., 1916-7; prof., 1917; prof., Univ. Nev., 1917; prof. dairying, Wash. State Coll., 1917-22. —*b.* Brunswick, Mo., Apr. 7, 1890; *s.* Joseph and Agnes (Smutz) W.; reared on farm; *m.* Lucille Matthews, Oct. 3, 1913; *c.* Ruth, Doris. B.S., Univ. Mo., 1911; M.S., 1913. Sigma Xi; Alpha Zeta; Phi Kappa Phi.

Woodward, Karl Wilson, for., Univ. N. H., Durham, N. H.

With U. S. For. Serv., 1904-15; present position, 1915-. —*b.* Detroit, Mich., July 24, 1881; *s.* R. S. and Martha (Bond) W.; reared in town; *m.* Olive Smith, Sept. 11, 1909. A.B., Cornell Univ., 1904; M.F., Yale Univ., 1904.

Woodward, Thompson Elwyn, supt. U. S. Dairy Bur. Exp. Sta., Beltsville, Md.

Asst. prof. in chg. dairy husb., Utah Agr. Coll., 1908-10; present position, 1913-. —*b.* Brunswick, Mo., Jan. 10, 1884; *s.* Joseph and Agnes (Smutz) W.; reared on farm; *m.* Ethel C. Chappel, Apr. 10, 1915; *c.* Elwyn Chappel, Miriam, Albert Davis. B.S.A., Univ.

Mo., 1907; M.S.A., 1911. Sigma Xi; Gamma Sigma Delta.

Woodworth, Charles William, prof. ent., Univ. Calif., Berkeley, Calif.

Bot. and ent., Univ. Ark. Exp. Sta., 1889-91; Univ. Calif., 1891-; lect., Univ. Nanking, 1918; dir. Kiangsu Bur. Ent. and hon. prof. ent., Nat. S. E. Univ., Nanking, 1922-4. Traveled in Europe and Asia. *Auth.*: Wing Veins of Insects, 1906; School of Fumigation, 1915; Theory of the Microscope, 1924. —*b.* Champaign, Ill., Apr. 28, 1865; *s.* Alvin Oakley and Mary Celina (Carpenter) W.; reared in city; *m.* Leanora Stern, 1890; *c.* Lawrence A., Harold E., Chas. E., Mary Elizabeth. B.S., Univ. Ill., 1885; M.S., 1886.

Woodworth, Clyde Melvin, assoc. prof. plant-breeding and assoc. chief Exp. Sta., Univ. Ill., Urbana, Ill.

Asst. and instr. genetics, Univ. Wis., 1914-9; asst. prof. plant-breeding, Univ. Ill., 1920-3; assoc. prof., 1923-. —*b.* Canton, Ill., Feb. 28, 1888; *s.* M. C. and Mary (Ellis) W.; reared in town and on farm; *m.* Anna Bill, 1918; *c.* Mary Florence. B.S., Okla. A. & M. Coll., 1910; M.S., Univ. Wis., 1914; Ph.D., 1920. Sigma Xi; Gamma Alpha; Gamma Sigma Delta; Phi Kappa Phi; Phi Sigma.

Woodworth, Harry C., farm manag. dem., Univ. N. H., Durham, N. H.

Instr. high-sch., Wells, Minn., 1909-13; co. agrl. agt., 1913-5; stock farmer, Minn., 1916-21; present position, 1921-. —*b.* Leslie, Mich., Sept. 9, 1885; *s.* F. C. and Nettie A. (Walker) W.; reared in town and on farm; *m.* Martha Wiecking, 1915; *c.* Alice M., Harold C., Martha H., Rodger C. B.S., Univ. Ill., 1909; M.S., Cornell Univ., 1916. Alpha Zeta.

Woody, Montford H., teach. agr., high-sch., Tucson, Ariz.

Foreman Sulphur Springs Valley Dry Farm Exp. Sta., 1919-21. Pres. Cochise Fair Assoc., 1921. —*b.* Leland, Ida., Mar. 28, 1899; *s.* Rufus K. and Lilli May W.; reared on farm; *m.* Ethel E. Gitchel, Mar. 8, 1924. B.S.A., Univ. Ariz., 1924.

Wooley, John Cochran, prof. agrl. engin. and head dept., Univ. Mo., Columbia, Mo.

Supt. consolidated sch., Crawfordsville, Ia., 1907-11; princ. high-sch., Iowa Falls, 1911-3; prof. agrl. engin. ext., Ia. State Coll., 1917; prof. agrl. engin., Univ. Ida., 1917-20; present position, 1920-. —*b.* Crawfordsville, Ia., July 20, 1884; *s.* Wm. K. and Anna (Cochran) W.; reared on farm; *m.* Jane Lease, July 27, 1918. M. Di., Ia. State Teach. Coll., 1912; B.S., Ia. State Coll., 1917.

Woolsey, Claude, ext. hort., Univ. Ark., Fayetteville, Ark.

Teach. agr., high-sch., Fairfield, Ia., 1914-5; prof. agr., Parsons Coll., Fairfield, summer 1915; asst. hort., Va. Poly. Inst., 1917-9; asst. hort., Univ. Ark., 1919-20; ext. hort., 1920-. (Small-fruits, ornamentals). —*b.* Bentonville, Ark., June 19, 1891; *s.* Geo. G. and Sarah Jane (Hand) W.; reared in town and on farm; *m.* Era Shores, June 19, 1917; *c.* Mary Elizabeth, Lawrence Shores, Donald Shores. B.S.A., Univ. Mo., 1914; M.S., Ia. State Coll., 1917.

Wooster, Ralph Stewart, poultry farmer, Americus, Ga.

Asst. prof. poultry husb., Univ. Ga., 1922-4; manag. Americus Hatchery and Supply Co. and East Point Poultry Farm, 1924-. Treas. Ga. Baby Chick Assoc. Served in World War. —*b.* Forestville, Conn.; *s.* Ralph H. and Alma (Stewart) W.; reared on farm; *m.* Elvah C. Owen; *c.* Lillian Merrill. B.S., Conn. Agr. Coll.

Wooton, Elmer Otis, assoc. agrl. econ., Bur. Agrl. Econ., U. S. Dept. Agr., Washington, D. C.

Biol. and bot., N. Mex. A. & M. Coll., 1890-6, 1898-1911; special agt., U. S. Dept. Agr., summers 1900-2, 1904, 1909-10; agrst., Off. Farm Manag., 1911-9; present position, 1919-. Fellow A. A. A. S.; mem. Wash. Acad. Sci. *Joint auth.*: Flora of New Mexico. —*b.* Kokomo, Ind., Sept. 19, 1865; *s.* Wm. S. and Docia (Strattan) W.; reared in city and country; *m.* Itasca Frame, Aug. 19, 1891; *c.* Esther. B.S., Earlham Coll.,

Richmond, Ind., 1889; A.M., 1896; grad. student, Columbia Univ., 1896-8.

Worden, George Newton, co. agrl. agt., Port Orchard, Wash.

Princ. agrl. high-sch., 1913-4; co. agrl. agt., Ellsworth, Me., 1914-20. —*b.* St. Stephen, N. B., Nov. 13, 1889 (naturalized 1911); *s.* Newton S. and Carrie (Sprague) W.; reared on farm; *m.* Velma N. Bragdon, Aug. 25, 1917. B.S.A., Univ. Me., 1913. Delta Tau Delta; Alpha Zeta.

Work, Paul, prof. veg. gard., Cornell Univ., Ithaca, N. Y.

Instr. veg. gard., Cornell Univ., 1910-7; prof., 1917-. Private to 2d Lieut. Engin., U. S. Army, 1917-9. Sec. N. Y. State Veg. Growers Assoc., 1911-7. *Assoc. ed.,* Market Growers Journal, 1920-. —*b.* Kerrmoor, Pa., June 18, 1886; *s.* J. B. and Mary McClure (Watts) W.; reared in town and on farm; *m.* Helen Grace Nicholas, Aug. 9, 1917; *c.* Margaret Grace, Richard Nicholas, Ralph, Wm. B.A., Univ. Tenn., 1907; B.S., Penn. State Coll., 1910; M.S., Cornell Univ., 1913; Ph.D., Univ. Minn., 1920. Sigma Xi; Phi Kappa Phi.

Working, Daniel Webster, agrl. historian and economist, Capitol Hill Sta., (R. 2), Denver, Colo.

Ed. Colorado Farmer and Livestock Journal, 1889-91; teach. and ed., 1891-3; sec. Colo. State Bd. Agr., 1893-7; master Colo. State Grange, 1892-4; farming and agrl. journalism, 1897-1905; co. supt. schs., Arapahoe Co., Colo., 1905-7; supt. agrl. ext., W. Va. Univ., 1907-11; invest., Off. Farm Manag., U. S. Dept. Agr., 1911-4; agrst., Off. Ext. Work, 1914-9; dean and dir., Coll. Agr., Univ. Ariz., 1919-21; dean until June 30, 1922; farming 1923; agrl. historian, Colo. Agr. Coll., 1923-. Fellow A. A. A. S. —*b.* Belle Plaine, Minn., May 9, 1862; *s.* D. W. and Elizabeth (Gunderson) W.; reared on farm; *m.* Ella Grace Booth, Nov. 9, 1892; *c.* Holbrook, Earl Booth, Elmer Joseph. B.Sc., Kans. State Agr. Coll., 1888; A.M., Denver Univ., 1907.

Working, Earl Booth, assoc. prof. milling ind., Kans. State Agr. Coll., Manhattan, Kans.

Asst. to dir., Lab. for Plant Physiology, Carnegie Inst. of Wash., 1921-3. Sec. S. W. Div., A. A. A. S., 1922-3. (Plant chem. and physiol.). —*b.* Colo., Feb. 20, 1897; *s.* Daniel Webster and Grace (Booth) W.; reared on farm. A.B., Univ. Denver, 1917; A.M., 1919; Ph.D., Univ. Ariz., 1922. Phi Lambda Upsilon; Phi Kappa Phi; Phi Sigma; Gamma Sigma Delta.

Working, Holbrook, res. assoc., Food Res. Inst., Stanford Univ., Calif.

Asst. econ., Cornell Univ., 1915-6; instr., 1916-7, 1919; farm help specialist, U. S. Dept. Agr., May-Sept., 1917; fellow Univ. Wis., 1919-20; asst. prof. agrl. econ., Univ. Minn., 1920-3; assoc. prof., 1923-5; present position, 1925-. Served in U. S. Army, 1917-8. —*b.* Ft. Collins, Colo., Feb. 5, 1895; *s.* D. W. and Grace (Booth) W.; reared on farm; *m.* Helen Rider, Sept. 15, 1921. B.A., Univ. Denver, 1915; M.A., Cornell Univ., 1919; Ph.D., Univ. Wis., 1921.

Works, George Alan, prof. rural educ., Cornell Univ., Ithaca, N. Y.

Princ. high-sch., Menomonie, Wis., 1904-7; supt. public schs., 1907-10; instr. agrl educ., Univ. Wis., 1912-3; asst. prof. agrl. educ., Univ. Minn., 1913-4; present position, 1914-. Dir. rural sch. survey, N. Y. State, 1921-2; on Okla. State Educ. Survey, 1922; dir. Tex. Educ. Survey, 1923-4. Contr. to Book of Rural Life. —*b.* Augusta, Wis., May 14, 1877; *s.* Obadiah and Clara E. (Perry) W.; reared on farm; *m.* Saidee B. Coerper; *c.* Helen, Janet, Ruth Mary, Geo. A. Jr., David Perry. Ph.B., Univ. Wis., 1904; M.S.A., 1912. Phi Beta Kappa; Phi Delta Kappa; Alpha Zeta; Delta Upsilon.

Wormington, Lisle J., agrl. comnr., Chamber of Commerce, Joplin, Mo.

Instr. high-sch., Hannibal, Mo.; co. agrl. agt., Neosho. —*b.* Monett, Mo., Mar. 9, 1893; *s.* J. H. and Dona (Jeffries) W.; reared on farm; *m.* Zelma B. Hale, Apr. 13, 1917; *c.* Deane Hale. B.S., Univ. Mo. Sigma Phi Epsilon.

Worrell, Joseph Loyd, co. agrl. agt., Falls City, Neb.

Teach. agr., high-sch., Hastings, Mich., 1913-4; Enterprise, Ore., 1914-7; Anoka, Minn., 1917; agt. Richardson Co., Neb., 1919-. Private, Field Art., U. S. Army, World War. (An. husb.). —*b.* Bowen, Ill., Nov. 24, 1886; *s.* Robt. E. and Lillian T. (Smith) W.; reared on farm. B.S., Univ. Ill., 1913.

Worst, John H., ex-pres. N. D. Agr. Coll., Agricultural College, N. D. (Los Angeles).

Supt. schs., Emmons Co., N. D., 1883-9; state senator, 1889-94; lieut. gov., 1895-7; pres. N. D. Agr. Coll., 1895-1917; comnr. immigration, 1919-23. —*b.* Ashland Co., O., Dec. 23, 1850; *s.* Geo. and Margaret (Martin) W.; *m.* Susan Wohlgamuth, Oct. 1872. LL.D., Ashland Univ.

Worthen, Edmund Louis, ext. prof. soil tech., Cornell Univ., Ithaca, N. Y.

With Ill. Soil Survey, 1904-6; sci. asst., U. S. Bur. Soils, 1906-9; with N. C. Dept. Agr., 1909-12; assoc. prof. agron., Penn. State Coll., 1912-9; present position, 1919-. —*b.* Wilcox Twp., Ill., Oct. 5, 1882; *s.* Geo. Byron and Mary (Bedell) W.; reared on farm; *m.* Xenia Woolman, Nov. 5, 1908; *c.* Rachel Daura, Albert Woolman, Elizabeth Jane. B.S., Univ. Ill., 1904; M.S., Cornell Univ., 1908. Alpha Zeta.

Worthington, William, minister, field rep., Near East Relief, 1203 Fredrick Ave., Spokane, Wash.

Princ. Puget Sound Acad., 1905-6; teach. econ., Whitman Coll., 1907-10. *Assoc. ed.,* Encyclopedia of Practical Horticulture, 1914. —*b.* Grove Lake, Minn., July 13, 1871; *s.* Leslie and Sarah Smith (Lewis) W.; reared on farm; *m.* Carrie Amelia Palmer, Aug. 28, 1901; *c.* Leora, Helen. A.B., Whitman Coll., 1900; B.D., Chicago Theol. Sem., 1904.

Wray, John Dudley, state and U. S. farm makers club agt., Agr. and Tech. Coll., Greensboro, N. C.

Formerly teach. agr., Tuskegee Inst., Agr. and Tech. Coll., Greensboro and Lincoln Inst., Ky. Sec., Negro Farmers Congress and pres. N. C. Negro Farmers Coop. Union. —*b.* Roxboro, N. C., Dec. 10, 1877; *s.* Sidney and Sarah W. (col.); reared on farm; *m.* Annie Bell Harris, 1909; *c.* John D. Jr., Richard H., Washington D., Thelma Merline, Emmett Jas. Moton. B.Agr., Agr. and Tech. Coll., 1909; M.S.A., 1919.

Wright, Andrew Hamilton, assoc. prof. agron., Univ. Wis., Madison, Wis.

Teach. agr., high-sch., Lyons, Kans., 1908-9; asst. agron., Okla. A. & M. Coll., 1910-4; present position, 1915-. Sec. Wis. Hemp Order, 1916-. (Fibers, special crops). —*b.* Mankato, Kans., Oct. 22, 1887; *s.* Thos. N. and Martha J. (Young) W.; reared on farm. B.S., Kans. State Agr. Coll., 1908; M.S., Univ. Wis., 1915.

Wright, Cyrus Butler, teach. voc. agr., high-sch., Brooksville, O.

b. Pierpont, O., Mar. 29, 1900; *s.* Cyrus H. and Anna (Thomas) W.; reared on farm; *m.* Marilla Lewis, June 11, 1924. B.S.A., Ohio State Univ. Tau Gamma Phi.

Wright, Edgar Allan, ed. The Florida Grower, Tampa, Fla.

Treas. Florida Growers Pub. Co.; pres. Newport Villa Corp. Citrus fruitgrower. *Assoc. ed.,* Pacific Fruit World and Western Empire, Los Angeles, 1904-7. —*b.* Lewiston, Me., May 17, 1867; *s.* Robt. and Regina (Garner) W.; reared in city; *m.* Marcia Ella Lowell, Sept. 1, 1898.

Wright, Elbert B., co. agrl. agt., Ripley, Tenn.

Agrl. agt. Marshall Co., Tenn., 1918-22. —*b.* Fayetteville, Tenn., Jan. 25, 1893; *s.* W. H. and Lou (Dooley) W.; reared on farm. Student Univ. Tenn., 3 yrs. Alpha Zeta.

Wright, James Kelly, lect., Mo. State Bd. Agr., Columbia, Mo.

Teach. math. and sci., Columbia Normal Acad., 1905-7; Univ. high-sch., 1908; co. comnr. schs. and co. supt. schs., Boone Co., 1907-11; lect., Mo. State Bd. Agr., 1911-. —*b.* Boone Co., Mo., Oct. 25, 1878; *s.* Paul M. and Rebecca E. (Haden) W.; reared on farm; *m.*

Nancy G. Fish, Dec. 24, 1905; *c.* Esther Rebecca, J. Kelly Jr., Wm. Edmondson, Paul Morris. A.B., Columbia Normal Acad., 1902; B.S.A., Univ. Mo., 1909. Alpha Zeta.

Wright, Morris Harry, co. agrl. agt., Ashland, Wis.

Asst. agrl. ext. agt., N. Pacific Ry., 1914; blasting dem., DuPont Powder Co., 1916-7. (Blasting for agrl. purposes).—*b.* New London, Wis., Nov. 27, 1893; *s.* S. E. and Emma (Millerd) W.; reared in town. B.S., Univ. Wis., 1917. Alpha Sigma Phi.

Wright, Thomas Henry Jr., pres. and manag., Wright Dairy Co., Cedar Rapids, Ia.

Instr., Wash. State Coll., 1914-6; asst. prof., 1916-7; instr., S. D. State Coll., 1917-8; asst. prof. dairy manufactures and dairy bact. Exp. Sta., 1918-23. —*b.* Ft. Dodge, Ia., Feb. 1, 1892; *s.* Thos. H. and Fannie M. (Baker) W.; reared in town; *m.* Jean A. Sloss, June 5, 1915; *c.* Thos. Sloss. B.S., Ia. State Coll., 1914. Sigma Alpha Epsilon; Alpha Zeta; Phi Kappa Phi.

Wright, Wilbur William, co. agrl. agt., Topeka, Kans.

b. Washington Co., Pa., Sept. 11, 1890; *s.* Jas. Whitten and Nancy Emeline (Whitely) W.; reared on farm. B.S., Kans. State Agr. Coll., 1917. Sigma Nu; Alpha Zeta.

Wright, William Harmon, assoc. prof. agrl. bact., Univ. Wis., Madison, Wis.

Asst. bact., Univ. Wis., 1909-11; instr., 1911-5; asst. to assoc. prof. agrl. bact., 1916-. Special field survey on potato diseases for Bur. Plant Ind., summers 1918-9. *Auth.*: (with E. G. Hastings) Laboratory Manual of General Agricultural Bacteriology, 1920-22-24. —*b.* Bartholomew Co., Ind., July 8, 1885; *s.* John Wynn and Elizabeth (Harmon) W.; reared on farm; *m.* Edna Fisher, June 11, 1908; *c.* Alice Elizabeth, John Fisher. B.S., Purdue Univ., 1908; M.S., Univ. Wis., 1909; Ph.D., 1924; grad. student, Cornell Univ., 1915-6. Sigma Xi; Alpha Zeta; Gamma Alpha; Acacia.

Wright, William Joseph, ext. prof. rural educ. and state leader jr. ext., Cornell Univ., Ithaca, N. Y.

Engaged in practical hort., Pacific Coast, 1904-7; asst. to pres., Mich. Agr. Coll., 1907-9; asst. prof. hort., Penn. State Coll., 1909-12; dir. N. Y. State Sch. Agr., Alfred Univ., 1912-8; present position, 1918-. *Auth.*: Greenhouses, Their Construction and Equipment, 1917. —*b.* Plainfield, Mich., June 6, 1881; *s.* Frank L. and Emma J. (Braley) W.; reared on farm; *m.* Gladys Mapes, Aug. 4, 1904. B.S., Mich. Agr. Coll., 1904; M.S., Penn. State Coll., 1912. Alpha Zeta.

Wuesthoft, C. F. Henry, dir. and supervisor agr., Sparta Voc. High-Sch., Spartansburg, Pa.

Manag. truck garden, Woods Run Settlement Assoc., Glenfield, Pa., 1917; asst. herdsman, Otis herd, Willoughby, O., 1919. Sec.-treas. Sparta Community Fair Assoc.; vice-pres. Sparta Ind. Bd.; chm. agrl. sect. N. W. Arts Assoc., 1925, pres., 1925-. —*b.* Allegheny, Pa., June 18, 1897; *s.* Paul and Cornelia (DeHaas) W.; reared on farm; *m.* Wava E. Wright, July 29, 1922. B.S., Penn. State Coll., 1920.

Wuichet, John Weller, prof. an. husb. ext., Ohio State Univ., Columbus, O.

Farmer and breeder Hampshire swine, 1908-16. Dir. Amer. Hampshire Swine Record Assoc., 1912-9, pres., 1915. (Swine). —*b.* Dayton, O., Feb. 4, 1887; *s.* Geo. and Ida M. (Weller) W.; reared in town and on farm; *m.* Ruth M. Pierce, Mar. 26, 1910; *c.* John W. Jr., Lois J., Tom P. B.S.A., Ohio State Univ., 1908. Kappa Sigma; Delta Theta Sigma.

Wyatt, Frank Archibald, prof. soils, Univ. Alta., Edmonton, Alta.

Fellow agr., Univ. Ill., 1913-5; asst., 1915; instr., 1916; assoc., 1917; asst. prof., 1918; present position, 1919-. —*b.* Wellsville, Utah, Feb. 22, 1886; *s.* F. H. and Elizabeth (Archibald) W.; reared on farm; *m.* Genevieve Hoff, Sept. 21, 1914; *c.* Marjorie Jean. B.S.,

Utah Agr. Coll., 1910; M.S., Univ. Ill., 1913; Ph.D., 1915. Gamma Sigma Delta; Kappa Delta Phi.

Wyeth, Edwin Rudolph, co. club agt, Bristol Co. Agrl. Sch., Segreganset, Mass.

Lands.-gard., N. Y., 1908-10; nurseryman, Mass., 1911-3; instr. gardening, Bristol Co. Agrl. Sch., 1913-9; present position, 1919-. (Hort., lands. arch.). —*b.* Needham, Mass., Dec. 5, 1886; *s* Andrew Newell and Henrietta (Zirngiebel) W.; reared in town; *m.* Clara Louise Moeller, Dec. 25, 1913; *c.* Louise Gertrude, Barbara Mildred, Irving Rudolph, Helen Stinson. B.A.S., Harvard Univ., 1907.

Wylie, Charles Elmer, prof. dairying, and head dept., Univ. Tenn., Knoxville, Tenn.

Asst. dairying, Univ. Tenn., 1916-7; assoc. prof., 1917-23; prof., 1923-. —*b.* Cincinnati, O., Apr. 30, 1890; *s.* Frank S. and Cora (Jones) W.; reared on farm; *m.* Naomi Marie Henry, June 13, 1918. B.S.A., Ohio State Univ., 1915; A.M., Univ. Mo., 1916. Gamma Alpha; Alpha Zeta; Phi Kappa Phi.

Wyman, Phelps, lands. arch. and engin., Milwaukee Co. Regional Planning Dept., 133 Second St., Milwaukee, Wis.

Planting asst. Olmsted Bros., Brookline, Mass., 1899-1902; lands. arch., Chicago, and asst. prof. lands. gard., Univ. Ill., 1906-10; lands. arch., Minneapolis, 1910-24; present position, 1924-. Park comnr., Minneapolis, 1916-24; ex-trustee Amer. Soc. Lands. Arch.; town planner, U. S. Housing Corp., Washington, 1918-9. —*b.* Manchester, Vt., Apr. 13, 1870; *s.* Edward Lewis and Louise Kimball (Phelps) W.; reared on farm; *m.* Martha Scott Anderson, Aug. 24, 1905. B.S.A., Cornell Univ., 1897. Sigma Xi.

Wynn, Charles S., teach. voc. agr., Hertford Co. Training Sch., Winton, N. C.

Teach. Livingstone Coll., 2 yrs.; present position, 1920-. —*b.* Powellsville, N. C., Aug. 1, 1886; *s.* Alfred and Julia A. W. (col.); reared on farm; *m.* Princess Fitzgerald, Dec. 26, 1918; *c.* Toussant O., Albert F. B.S.A., 1917.

Y

Yaeger, John Frederick, teach. agr., high-sch., Lapeer, Mich.

Teach. Menominee Co. Agrl. Sch., 1920-1; present position, 1922-. (An. husb.). —*b.* Saginaw, Mich., Jan. 27, 1899; *s.* Albert A. and Mary A. (Smith) Y.; reared on farm and in city. B.S., Mich. Agr. Coll., 1920. Lambda Chi Alpha.

Yale, Charles E., co. agrl. agt., Amboy, Ill.

Instr. agr., high-sch., Mendota, Ill., 1921-5; agrl. agt. Lee Co., 1925-. Served in A. E. F., 1918-9. *Ed.*, Lee County Farmer. —*b.* Aurora, Ill., Jan. 15, 1896; *s.* F. W. and Anna (Powers) Y.; reared in city and on farm; *m.* Vivian Jones Roberts, Sept. 1921; *c.* Chas. E. B.S., Univ. Ill.

Yarbrough, John Fletcher Jr., co. agrl. agt., Tuscumbria, Ala.

Agrl. agt. Lawrence Co., Ala., 1918-21; Colbert Co., 1921-. —*b.* Ashford, Ala., Apr. 23, 1893; *s.* J. F. and Minnie (Wilson) Y.; reared in town; *m.* Lorena V. Parker, Dec. 30, 1918; *c.* Helen Leigh, John F. B.S.A., Ala. Poly. Inst., 1918. Phi Kappa Phi.

Yarnell, David Leroy, drainage engin., Bur. Public Roads, U. S. Dept. Agr., Univ. Ia., Iowa City, Ia.

b. Storm Lake, Ia., Jan. 13, 1886; *s.* Ervin and Catherine (Countryman) Y.; reared in town and on farm; *m.* Alice Lee Roche, Aug. 24, 1914; *c.* Harriet Rena. B.S.E., Ia. State Coll., 1908; C.E., 1916.

Yarnell, Sidney Howe, princ. Ingram Township Agrl. Sch., Dansville, Mich.

Present position, 1922-. Served in U. S. Army, World War. —*b.* Wapakoneta, O., July 10, 1898; *s.* Jas. E. and Vicena L. (Howe) Y.; reared in town and country; *m.* Floy M. Wilson, Aug. 27, 1922; *c.* Jas. W. B.S., Mich. Agr. Coll., 1922. Alpha Zeta.

Yaxis, Themistocles George, asst. prof. dairying, Mass. Agr. Coll., Amherst, Mass.

Stockman, Balsam Stock Farm, Dixville Notch, N. H., 1914-6; instr. an. husb., Univ. Ky., 1917-8; prof., Univ. Ga., 1918-20; present position, 1920-. —*b.* Isl. of Thassos, Greece, June 14, 1889 (naturalized 1916); *s.* Geo. and Venetia (Marayianis) Y.; reared on farm and in town; *m.* Anastasia Alexandrakis, 1917; *c.* Alexander Geo., Elaine Jacqueline, Douglas Earl. B.S., Univ. N. H., 1914; M.S.A., Cornell Univ., 1917. Kappa Sigma.

Yeager, Albert Franklin, assoc. prof. hort., and hort. Exp. Sta., N. D. Agr. Coll., Agricultural College, N. D.

Instr. agr., high-sch., Crete, Neb., 1913-5; instr. pom., Penn. State Coll., 1916-9; present position, 1919-. Sec. N. D. State Hort. Soc.; sec. Great Plains sect., Amer. Soc. Hort. Sci. —*b.* Bazaar, Kans., Feb. 12, 1892; *s.* Chas. D. and Mary T. (Schimpff) Y.; reared on farm; *m.* Arline B. Stepanek, June 27, 1917; *c.* Mary Elizabeth. B.S.A., Kans. State Agr. Coll., 1912; M.S., Ore. Agr. Coll., 1916.

Yeager, Lester Emil, co. agrl. agt., Osgood, Ind.

b. Henderson, Ky., June 2, 1899; *s.* Emil A. and Jennie (Ellis) Y.; reared on farm; *m.* Mary Louise Eckert, Aug. 12, 1923. B.S.A., Purdue Univ., 1921; M.S.A., Ia. State Coll., 1922.

Yeager, William G., co. agrl. agt., Salisbury, N. C.

Commercial orcharding, 1909-16; co. agrl. agt., 1916-. —*b.* Sprankle Mills, Pa., Oct. 1, 1882; *s.* John Geo. and Araminta L. (Thompson) Y.; reared on farm; *m.* Edith Grace Rasor, Nov. 10, 1915; *c.* Eunice Hope, Fern, Lois, Joella. B.S., Ohio State Univ., 1908.

Yeaw, Frederick Loring, farmer, Roswell, N. Mex.

With U. S. Bur. Soils, 1906; plant path., Univ. Calif., 1906-11; asst. prof. market gard., Mass. Agr. Coll., 1911-3; farm manag., Roswell, N. Mex., 1913-; manag. Oasis Farm and Orchard Co., Inc., 1913-. Pres. Chaves Co. Farm Bur., 1917. State del. to Nat. Good Roads Convention and Nat. Farm Congress. *Auth.*: Market Gardening, 1913. —*b.* Worcester, Mass., Mar. 13, 1882; *s.* Chas. S. and Eva E. (Perry) Y.; reared on farm; *m.* Nita H. Hanson, Sept. 18, 1907; *c.* Floyd, Kathryn, Dan. B.S., Mass. Agr. Coll., 1905. Phi Sigma Kappa.

Yerkes, Arnold Phipps, ed. Tractor Farming, 606 S. Michigan Ave., Chicago, Ill.

Sci. asst. agron., asst. agrst., agrst. in chg. equipment invests., Off. Farm Manag., U. S. Dept. Agr., 1912-8. (Farm power). —*b.* Davisville, Pa., Feb. 8, 1885; *s.* Arthur W. and Margaret (Hallowell) Y.; reared on farm; *m.* Arline Osgood, June 11, 1907 (d. 1911); 2d, Rebecca Moon, Sept. 2, 1914; *c.* Carolyn Margaret.

Yerkes, Lola G., field ed. The Farmer's Wife, Webb Pub. Co., St. Paul, Minn.

Ext. div., Ia. State Univ., 1919-22; assoc. prof. home econ., Mich. Agr. Coll., 1922-3; teach. Merrill-Palmer Sch., Detroit, 1923-4; present position, 1924-. —*b.* Fairmount, Ill.; *d.* Hiram and Olive (Noble) Y.; reared on farm. R.N., Bellevue Hospital, New York, 1918; B.S., Ohio State Univ., 1919. Kappa Kappa Gamma; Phi Upsilon Omicron.

Yocum, Trell W., manag. ed., Farm and Fireside, 381 Fourth Ave., New York, N. Y.

Assoc. ed., Ohio Farmer, 1914-7; in chg. trade and tech. press information, U. S. Food Adminis., 1917-8; present position, 1919-. —*b.* Mechanicsburg, O., Apr. 6, 1893; *s.* J. D. and Lulu (White) Y.; reared in country; *m.* Helen Taft Woodbury, Apr. 20, 1918. Student Ohio State Univ., 1911-4. Phi Delta Theta.

Yoder, Peter A., sugar-cane tech., Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Assoc. prof. chem. and assoc. chem. Exp. Sta., Utah Agr. Coll., 1901-5; prof. chem. and dir. Exp. Sta., 1905-7; res. chem., La. Sugar Exp. Sta., 1908-10; asst. chem., U. S. Bur. Chem., 1910-3; sugar-cane tech., U. S. Bur. Plant Ind., 1913-. Traveled in Europe, 1899-1901; Orient, Australia, New Zealand, India, Egypt, Europe, 1907-8. (Sugar-

cane growing and sirup-making). —*b.* LaGrange Co., Ind., Aug. 21, 1867; *s.* Reuben and Harriet (Riehl) Y.; reared on farm; *m.* Amelia A. Vance, July 25, 1894. A.B., Ind. Univ., 1894; A.M., 1896; Ph.D., Univ. Goettingen, 1901.

York, Conrad Evert, superv. voc. agr., high-sch., Campbell, Calif.

Princ. agrl. high-sch., Arlington, Wash., 1912-5; res. asst. plant path., Univ. Wash., 1915; princ. high-sch., Port Angeles, Wash., 1915-7; instr. agr. and asst. co. farm adv., Gridley, Calif., 1917-9; present position, 1919-; collaborator, U. S. Dept. Agr., 1912-. Pres. Calif. Agrl. Teach. Assoc. (Poultry). —*b.* Clayton, Ind., Mar. 27, 1881; *s.* Sylvester and Margaret (Tomlinson) Y.; reared on farm; *m.* Nona Sanders, Dec. 22, 1916; *c.* Philip Sanders, Donald Sylvester, Martha Elizabeth. A.B., Franklin Coll., 1906; Univ. Wash., 1912.

York, Florence F., home dem. agt., Troy, O.

Dir. voc. home econ., Tippecanoe City, O., 2 yrs. Mem. exec. com., O. Soc. for Voc. Educ. —*b.* Versailles, O., Oct. 1, 1900; *d.* C. L. and Irene (Brandon) Y.; reared on farm. B.S., Ohio State Univ., 1922.

Yothers, Merrill Arthur, assoc. ent., U. S. Dept. Agr., Yakima, Wash.

Asst. and instr. ent., Mich. Agr. Coll., 1908-10; asst. ent., Wash. State Coll., 1910-7; present position, 1917-. —*b.* Ashton, Ill., Dec. 18, 1883; *s.* Levi and Arthusa (Wood) Y.; reared on farm; *m.* Beatrice Marie Washburn, Apr. 5, 1908; *c.* Lewis Arthur, Laura Belle, Robt. Austin, Beatrice Caroline, Cynthia Maude, Howard Everett, Wanda Lee. B.S., Univ. Ida., 1907; M.S., Wash. State Coll., 1915.

Yothers, William Walter, assoc. ent., U. S. Dept. Agr., Box 491, Orlando, Fla.

Dir. Fla. Citrus Exchange, Orange Co. Sub-Exchange, Plymouth Citrus Growers Assoc. Fellow A. A. A. S. (Insects attacking citrus trees). —*b.* Ashton, Ill., Sept. 15, 1879: *s.* Levi and Anthusa (Wood) Y.; reared on farm; *m.* Ada Bumby, Dec. 6, 1917; *c.* Mary Eleanor, Jean Curtis. B.S., Univ. Ida., 1903; A.B., Cornell Univ., 1904.

Young, Clifton Richard, co. agrl. agt., Dakota City, Neb.

Teach. and farm manag., S. Christian Inst., Edward, Miss., 5 yrs.; farmer, Mo., 3 yrs.; present position, 1917-. —*b.* Geneseo, Ill., July 8, 1877; *s.* Adam and Mary E. (Hill) Y.; reared on farm; *m.* Bessie I. Carr, May 22, 1910; *c.* Candace M., Catherine E. B.S.A., Ia. State Coll., 1909.

Young, Edwin Burnham, instr. voc. agr., high-sch., Plymouth, Mass.

Princ. grammar-sch., Granville, Mass., 1913; princ. high-sch., Hinsdale, N. H., 1914-5; princ. McGaw Normal Inst., Reeds Ferry, N. H., 1916-8; present position, 1920-. Farm supt. Gorham, Me., 1916; supt. Woodmont Orchards, Derry, N. H., 1919. Milk insp., Plymouth, 1921-5. —*b.* Roxbury, Mass., May 13, 1886; *s.* Randal E. and Ellen D. (Frohock) Y.; reared on farm; *m.* Elizabeth Ellen Hartley, 1913; *c.* Ellen May, Harry Randal, Edwin B. Jr., Miriam Elizabeth, David Paul. B.S., Mass. Agr. Coll., 1912.

Young, Ernest Charles, assoc. prof. farm manag. and rural econ., Purdue Univ., LaFayette, Ind.

Instr., Cornell Univ., 1916-21; asst. prof., Purdue Univ., 1921-4; assoc. prof., 1924-. In Air Serv., U. S. Army, 1917-8. —*b.* Grove City, Pa., Sept. 29, 1892; *s.* Seymour and Ella (Struthers) Y.; reared on farm; *m.* Eva Delle Crowe, June 4, 1918; *c.* Margaret Ella. B.S., Grove City Coll., 1914; Ph.D., Cornell Univ., 1921. Sigma Xi; Alpha Zeta.

Young, Gordie, teach. agr. and supt. schs., Mayslick, Ky.

Superv. rural schs., Muhlenberg Co., Ky., 1912-6; teach. sci., high-sch., Greenville, 1916-8; princ. and teach. voc. agr., 1918-20; critic teach. in training dept. of agrl. teachers, Univ. Ky., 1920-1; present position, 1921-. Pres. agrl. dept. Ky. Educ. Assoc., 1923. —*b.* Christian Co., Ky., Sept. 11, 1884; *s.* Wm. A. and Mahala Grace Y.; reared on farm; *m.* Lola Biven, May 7, 1914; *c.* Frances Lee, Henry Clayton. B.S.A., Univ. Ky., 1921. Kappa Delta Pi.

Young, Harry Pestano, farm manag. dem., Univ. Vt., Burlington, Vt.

Superv. agr., high-sch., Montrose, Pa., 1914; asst agron., Penn. State Coll., 1915; instr. agron., N. H. State Coll., 1916-7; asst. prof., 1918; instr. farm manag., Cornell Univ., 1919-21; present position, 1921-. —*b.* Tunkhannock, Pa., Apr. 10, 1887; *s.* Henry and Harriet (Dewey) Y.; reared on farm; *m.* Elizabeth A. Rollins, July 11, 1917; *c.* Henry. B.S., Penn. State Coll., 1913.

Young, Horace J., state ext. agt., Univ. Neb., Lincoln, Neb.

Instr. agron., Univ. Neb., 1911-2; adj. prof., 1912-3; asst. prof., 1913-7; present position, 1917-. Traveled in Europe, studying agr. *Auth.*: (with Barker) Soils Laboratory Manual, 1915. —*b.* N. Bend, Neb., Mar. 10, 1888; *s.* S. W. and Anna E. (Watson) Y.; reared on farm; *m.* Cleo Myrtle Cather, Aug. 1, 1916. B.S.A., Univ. Neb., 1911. Alpha Zeta; Gamma Sigma Delta.

Young, Martin Trantham, asst. ent., U. S. Dept. Agr., Tallulah, La.

(Cotton boll-weevil). —*b.* Canton, Miss., Apr. 5, 1894; *s.* Martin Trantham and Anne (Palmer) Y.; reared on farm. B.S., Miss. A. & M. Coll., 1917.

Young, Orville Louis, instr. voc. agr., high-sch., McConnelsville, O.

b. Cannelton, Ind., Oct. 26, 1898; *s.* Wm. and Avie (Hinton) Y.; reared on farm; *m.* Mae T. Young, July 15, 1921. B.S.A., Purdue Univ., 1921; grad. student, Ohio State Univ. Sigma Xi; Kappa Delta Pi.

Young, Paul Rexford, asst. state club leader, Cornell Univ., Ithaca, N. Y.

Asst. teach. agr., high-sch., Spencer, N. Y., 1915-6; asst. hort., State Sch. Agr., Delhi, 1916-7; princ. and teach. agr., Bethlehem Sch. Agr., Delmar, N. Y., 1917-8; teach. agr., Highland, N. Y., 1918-20; present position, 1920-. —*b.* Auburn, N. Y., Jan. 12, 1895; *s.* Geo. K. and Minnie L. (Quick) Y.; reared in city and country; *m.* Hazel B. Jones, Sept. 16, 1916; *c.* Richard Keith, Margaret Jean. B.S., Cornell Univ., 1916. Phi Delta Kappa.

Young, Robert Armstrong, plant introducer, Bur. Plant Ind., U. S. Dept. Agr., Washington, D. C.

Florist, Ohio State Univ., 1906-7. Visited Hawaii to invest. taro ind., 1913. (Subtropical root-crops). —*b.* Cleveland, O., Oct. 30, 1876; *s.* John Lawrence and Kate P. (Thompson) Y.; reared in city and on farm; *m.* Ida Marie Renkel, Apr. 4, 1904. B.Sc., Ohio State Univ., 1906.

Young, Ryland Fletcher, dairy farmer, Georgetown, Tex.

Prof. romance languages, Southwestern Univ., 1880-1915; emeritus prof., 1915-. Raiser registered Jersey cattle, Georgetown. Del. Tex. State Farmers Congress; sec. Williamson Co. Farmers Inst.; organizer and dir. Farmers State Bank, Georgetown. Traveled in Europe and Mex. —*b.* Fayette Co., Tex., Sept. 30, 1858; *s.* Wesley D. and Armina M. (Ivey) Y.; reared on farm and in town. A.B., A.M., Southwestern Univ., 1880.

Young, Vive Hall, prof. and head, dept. plant path. and plant path., Exp. Sta., Univ. Ark., Fayetteville, Ark.

Asst. and fellow bot., Univ. Wis., 1913-6; asst. prof. bot., Univ. Ia., 1916-8; asst. plant path., U. S. Dept. Agr., 1918; prof. and head dept. bot. and plant path., Univ. Ida., 1918-23; present position, 1923-. In Govt. Serv., Bur. Educ. in Philippines, 1908; traveled in Orient, Europe, 1911. —*b.* Whitewater, Wis., Dec. 5, 1887; *s.* Chas. and Louie Estelle (Hall) Y.; reared on farm; *m.* Amy Anna Downie, June 16, 1917; *c.* Robt. Bruce, Betty Bernice, Donald Chas. Ph.B., Univ. Wis., 1913; Ph.M., 1914; Ph.D., 1916. Phi Beta Kappa; Sigma Xi.

Youngblood, Bonney, dir. Tex. Exp. Sta., College Station, Tex.

Manag. Smith Ranch, Grayson Co., Tex., 1903; princ. high-sch., Henderson, Tex., 1903-5; Mineola, 1905-6; supt. schs., Pauls Valley, Okla., 1906-7; asst. agr., Off. Farm Manag., U. S. Dept. Agr., 1907-11; present position, 1911-. Served in Spanish-Amer. War. —*b.* Milano, Tex., July 31, 1881; *s.* Thos. Bunyon and Mattie (Sivils) Y.; reared

on farm; *m.* Lotus Shamburger, May 16, 1907. B.S.A., Tex. A. & M. Coll., 1902; M.S., 1907; Ph.D., Univ. Wis., 1921.

Youngs, Leonard Gage, fruit-grower, North East, Pa.

Princ. Grafton Acad., O., 1873-4; postal clerk, 1885-90; co. comnr. Erie Co., Pa., 1898-1901; supt. highways, Erie Co., 1910-4; invest. for Erie Co. auditor-general. —*b* North East, Pa., Dec. 13, 1852; *s.* Seals L. and Jane S. Y.; reared on farm; *m.* Mary L. Covey, Dec. 31, 1874 (d. 1891); 2d, Celia A. Dowman, July 4, 1894; *c.* Arthur F., Leonard N., Alfred J., Anna M., Howard E., Russell D.

Z

Zahnley, James Walter, assoc. prof. farm crops, Kans. State Agr. Coll., Manhattan, Kans.

Supt. schs., Dwight, Kans., 1909-10; in chg. dept. sci. and agr., high-sch., Eldorado, 1910-5; instr. agron., Kans. State Agr. Coll., 1915-6; asst. princ. Sch. Agr., 1917-8; acting princ. and asst. prof. educ., 1918-9; asst. prof. farm crops, 1920-2; assoc. prof., 1922-. —*b.* Dwight, Kans., June 2, 1884; *s.* Jas. and Rebecca (Curry) Z.; reared on farm; *m.* Mabelle Howell, Sept. 13, 1908. B.S., Kans. State Agr. Coll., 1909; B.S.A., 1918. Gamma Sigma Delta; Alpha Zeta; Phi Kappa Phi.

Zavitz, Charles Ambrose, prof. field husb. and dir. plant-breeding and field exps., Ont. Agr. Coll., Guelph, Ont.

Hon. pres. Canadian Seed Growers Assoc.; sec. Ont. Agrl. and Exp. Union; dir. coop. exps. in agr. in Ont. Fellow A. A. A. S.; del. to 2d Intern. Convention on Hybridization and Plant-Breeding, New York, 1902; 3d, London, 1906. Mem. Advisory Bd. under Canadian Seeds Act. —*b.* Coldstream, Ont., Aug. 25, 1863; *s.* Daniel and Susan W. (Vail) Z.; reared on farm; *m.* Rebecca E. Wilson, June 3, 1900; *c.* Raymond W. B.S.A., Toronto Univ., 1888; D.Sc., 1916.

Zavoral, Henry G., asst. prof. an. husb. and live-stock specialist, Univ. Minn., University Farm, St. Paul, Minn

Teach. agr. high-sch., 3 yrs.; co. agrl. agt., Worthington, Minn., 1919-21; present position, 1921-. General supt. Nat. Swine Show, 1924; general manag. Jr. Livestock Show, S. St. Paul, Nov., 1924. 1st. Sergeant, U. S. Army, 20 mos.; served with A. E. F. (Beef, hogs). —*b.* Hutchinson, Minn., Apr. 2, 1894; *s.* Jas. and Nettie (Orban) Z.; reared on farm. B.S.A., Univ. Minn., 1915.

Zechiel, Willard R., co. agrl. agt., Warsaw, Ind.

b. Culver, Ind., Apr. 25, 1886; *s.* Henry and Lazetta (White) Z.; reared on farm; *m.* Caroline Barber, Oct. 12, 1911; *c.* Robt. B.S.A., Purdue Univ., 1911.

Zeller, John Henry, asst. an. husb. swine invests., U. S. Dept. Agr., Washington, D. C.

Chg. feeding and breeding herd of hogs, U. S. Exp. Farm, Beltsville, Md., 1917-. Student flight officer, Naval Aviation, 1918. —*b.* Shippensburg, Pa., Oct. 5, 1894; *s.* Wm. M. and Mary E. (Steiger) Z.; reared on farm and in town; *m.* Helen C. Webb, Sept. 10, 1919; *c.* Wm. Webb. B.S., Penn. State Coll., 1917.

Zeller, Sanford Myron, prof. plant path. res., Ore. Agr. Coll., Corvallis, Ore.

Instr., Univ. Wash., 1912-4; res. fellow, Henry Shaw Sch. Bot., Washington Univ., 1914-9; asst. plant path., Ore. Agr. Exp. Sta., 1919-21; assoc., 1921-4; plant path., 1924-. Mem. Alaska exped. for invest. kelps and fertilizers, U. S. Bur. Soils, summer 1913. —*b.* Coldwater, Mich., Oct. 19, 1885; *s.* Peter and Delia Elizabeth (Plumb) Z.; reared in town and country; *m.* Ethel Mary Bardell, July 21, 1915; *c.* Elizabeth May, Mary Ellen, Margaret Annette. B.S., Greenville Coll., 1909; A.B., Univ. Wash., 1912; A.M., 1913; Ph.D., Washington Univ., 1917. Sigma Xi; Gamma Sigma Delta.

Zentmire, D. Harold, co. agrl. agt., Marengo, Ia.

Student asst. farm crops, Ia. State Coll., 1911-2; instr. farm crops, soils and farm manag., 1912-6; asst. prof., 1916-8; agrl. agt., Iowa Co., 1918-.

Asst. sec. Ia. Corn and Small Grain Growers Assoc., 1912-8. —*b.* W. Point, Ia., Oct. 31, 1889; *s.* Jas. H. and Emma (Sloan) Z.; reared on farm; *m.* Naomi Margreiter, Aug. 31, 1916. B.S. in Agron., Ia. State Coll., 1913.

Zimmer, Elmer R., co. agrl. agt., Owego, N. Y.; Sept. 5, 1886-Mar. 1923. See Rus 1920.

Zimmerman, Percy White, dean Coll. Agr., Univ. Md., College Park, Md.

Asst. bot., Univ. Chicago, 1915; assoc. prof. bot., Md. Agr. Coll., 1916-7; acting dean, Div. Plant Ind., 1917; dean, 1918; dean Sch. Agr., Md. State Coll., 1920-4; present position, 1924-. (Plant physiol.). —*b.* Manito, Ill., Feb. 23, 1884; *s.* Henry and Elizabeth (Singley) Z.; reared on farm; *m.* Patti Martin, Aug. 16, 1911; *c.* Jack Martin, Lois Josephine. B.S., Univ. Chicago, 1914; M.S., 1916. Sigma Xi; Alpha Zeta.

Zon, Raphael, dir. Lake States For. Exp. Sta., U. S. For. Serv., University Farm, St. Paul, Minn.

Vice-pres. Washington Acad. Sci.; fellow Soc. Amer. For.; fellow A. A. A. S. —*b.* Simbirsk, Russia, Dec. 1, 1874 (naturalized 1903); *s.* Gabriel and Eugenia (Berlin) Z.; reared in town; *m.* Anna Pouzireeskaya, 1903; *c.* Henry Leo. F.E., Cornell Univ.

Zook, Leslie L., physiologist, U. S. Dept. Agr., and agron. Univ. Neb. Substa., N. Platte, Neb.

b. Kearney, Neb., June 21, 1880; *s.* Levi W. and Emma (Reynolds) Z.; reared on farm; *m.* Josephine Cobbey, Dec. 15, 1909; *c.* Wilhelmina, Martha. B.Sc., Univ. Neb., 1907. Sigma Xi; Alpha Zeta.

Zundel, George Lorenzo, ext. plant path., Wash. State Coll., Pullman, Wash.

Instr. bot. and hort., Utah Agr. Coll., 1911-2; instr. agr., Box Elder High-Sch., Brigham City, Utah, 1912-3; asst. prof. biol., Brigham Young Coll., 1915-7; res. work for U. S. Dept. Agr., Jerome, Ida., 1916; in chg. cereal disease control for Wash., U. S. Dept. Agr., 1917-9; present position, 1919-. Fellow A. A. A. S. —*b.* Brigham City, Utah, Dec. 23, 1885; *s.* Abraham and Mary Ellenor (Ingram) Z.; reared on farm and in city; *m.* Rose Mae Bell, Sept. 14, 1910; *c.* Robt. Clayburn. B.S.A., Utah Agr. Coll., 1911; M.S.A., Cornell Univ., 1915.

DIRECTORY OF JOURNALS DEVOTED TO AGRICULTURE AND RURAL LIFE

D. .....daily M. .....monthly Q. .....quarterly
S-M. ...semi-monthly S-W. ....semi-weekly W. .....weekly

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Corn-Belt Farmer, The. Paul B. Talbot, ed. M. 50 cts. 1912. Farm Publishing Co., Des Moines, Ia.

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Cotton Planter. J. B. Stern, ed. M. 25 cts. 1914. J. B. Stern, Montgomery, Ala.

Country Gentleman, The Philip S. Rose, ed. M. $1.00. 1853. Curtis Publishing Co., Philadelphia, Pa.

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Country Magazine, The. Leslie M. Klevay, ed. M. $1.00. 1906. Students of College of Agriculture, University of Wisconsin, Madison, Wis.

Creamery and Milk Plant Monthly. H. E. O. Heineman, ed. M. $1.00. 1912. National Milk Publishing Co., Chicago, Ill.

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Crops and Markets. J. Clyde Marquis, ed. W. $1.00. 1923. United States Department of Agriculture, Washington, D. C.

Cumberland County Board of Agriculture News. H. B. Nancock, ed. M. 50 cts. 1920. Cumberland County Board of Argiculture, Bridgeton, N. J.

Daily Drovers Journal-Stockman. Bruce McCulloch, ed. D. $5.00. 1888. The Journal-Stockman Co., Omaha, Neb.

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Dairy Market Reporter. Perry and Perry, eds. W. $2.00. 1876. Perry and Perry, Sheboygan Falls, Wis.

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Dairymen's Price Reporter. Harry I. Berlovich, ed. M. $1.00. Dairymen's Cooperative Sales Co., Pittsburgh, Pa.

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Family Herald and Weekly Star. W. $1.00. 1869. The Montreal Star Co., Ltd., Montreal, Que.

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Farm and Ranch Review, The. M. W. Geddes, ed. S-M. $1.00. 1905. The Farm and Ranch Review Co., Ltd., Calgary, Alta.

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Farmers Elevator Guide. Franklin S. Betz, ed. M. $1.00. 1906. American Cooperative Publishing Co., 5707 W. Lake St., Chicago, Ill.

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Farmers' Sun, The. W. L. Smith, ed. W. $1.00. 1890. The Farmers' Publishing Co., Toronto, Ont.

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